

Appendix Test Data

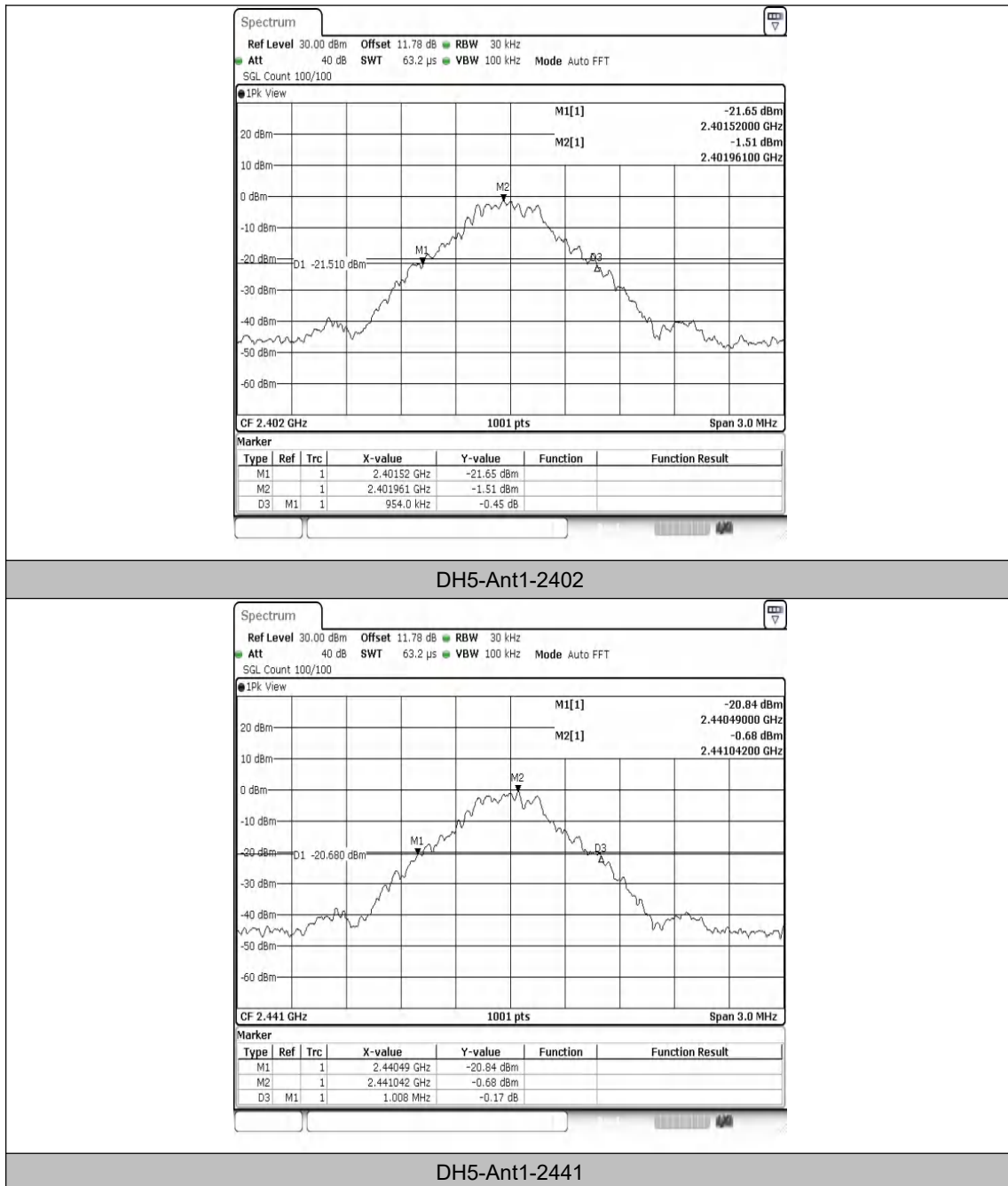
Report No.:	1819C40101112501	Test Sample No.:	1-2-2
Start Test Date:	2024.12.13	Finish Test Date:	2024.12.17
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	25.5℃	Relative Humidity:	47%
Pressure:	101kPa		

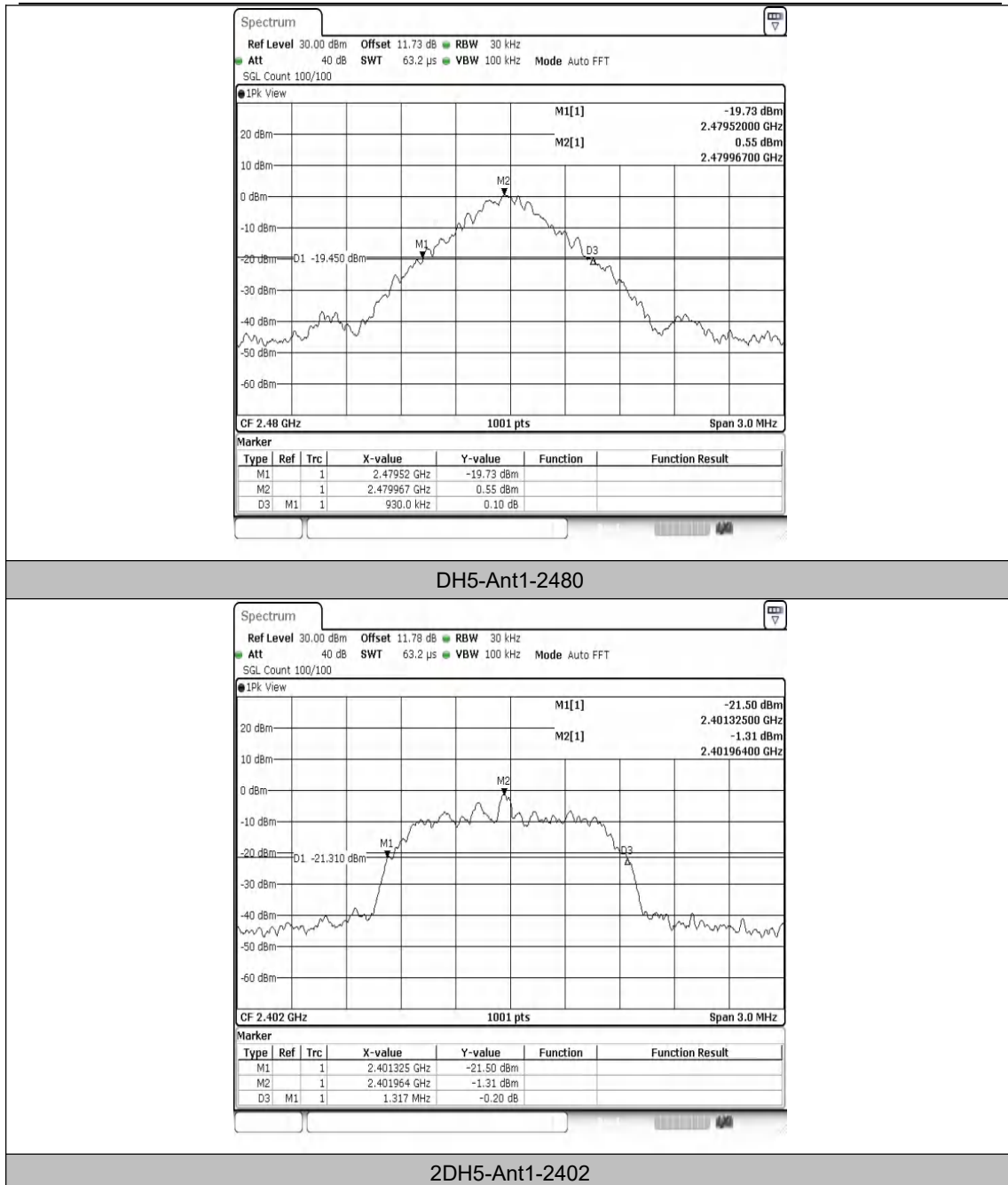
Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.95	2401.52	2402.47	---	---
DH5	Ant1	2441	1.01	2440.49	2441.50	---	---
DH5	Ant1	2480	0.93	2479.52	2480.45	---	---
2DH5	Ant1	2402	1.32	2401.33	2402.64	---	---
2DH5	Ant1	2441	1.32	2440.33	2441.65	---	---
2DH5	Ant1	2480	1.29	2479.35	2480.64	---	---
3DH5	Ant1	2402	1.31	2401.34	2402.65	---	---
3DH5	Ant1	2441	1.30	2440.34	2441.64	---	---
3DH5	Ant1	2480	1.30	2479.34	2480.64	---	---

Test Graphs

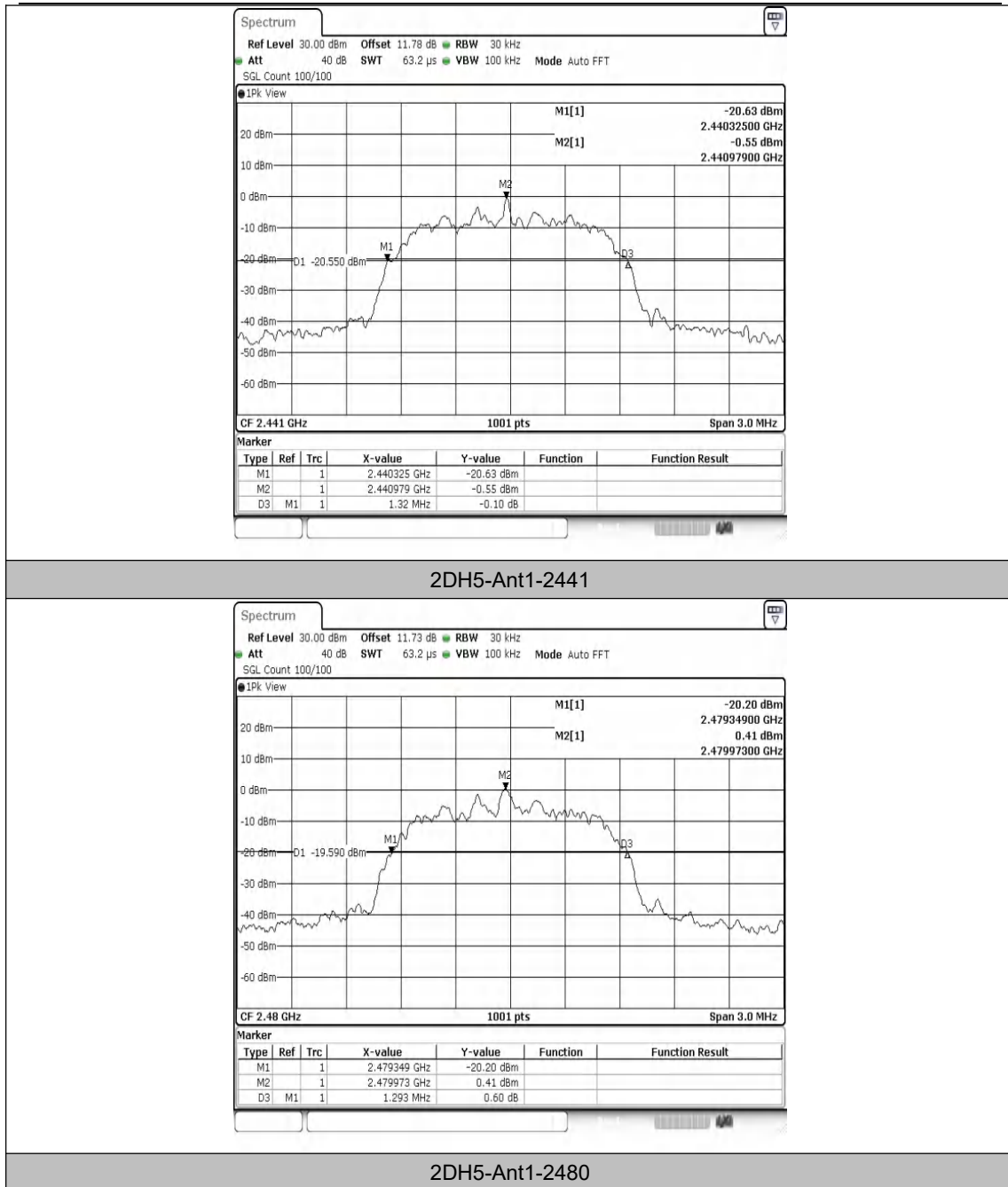




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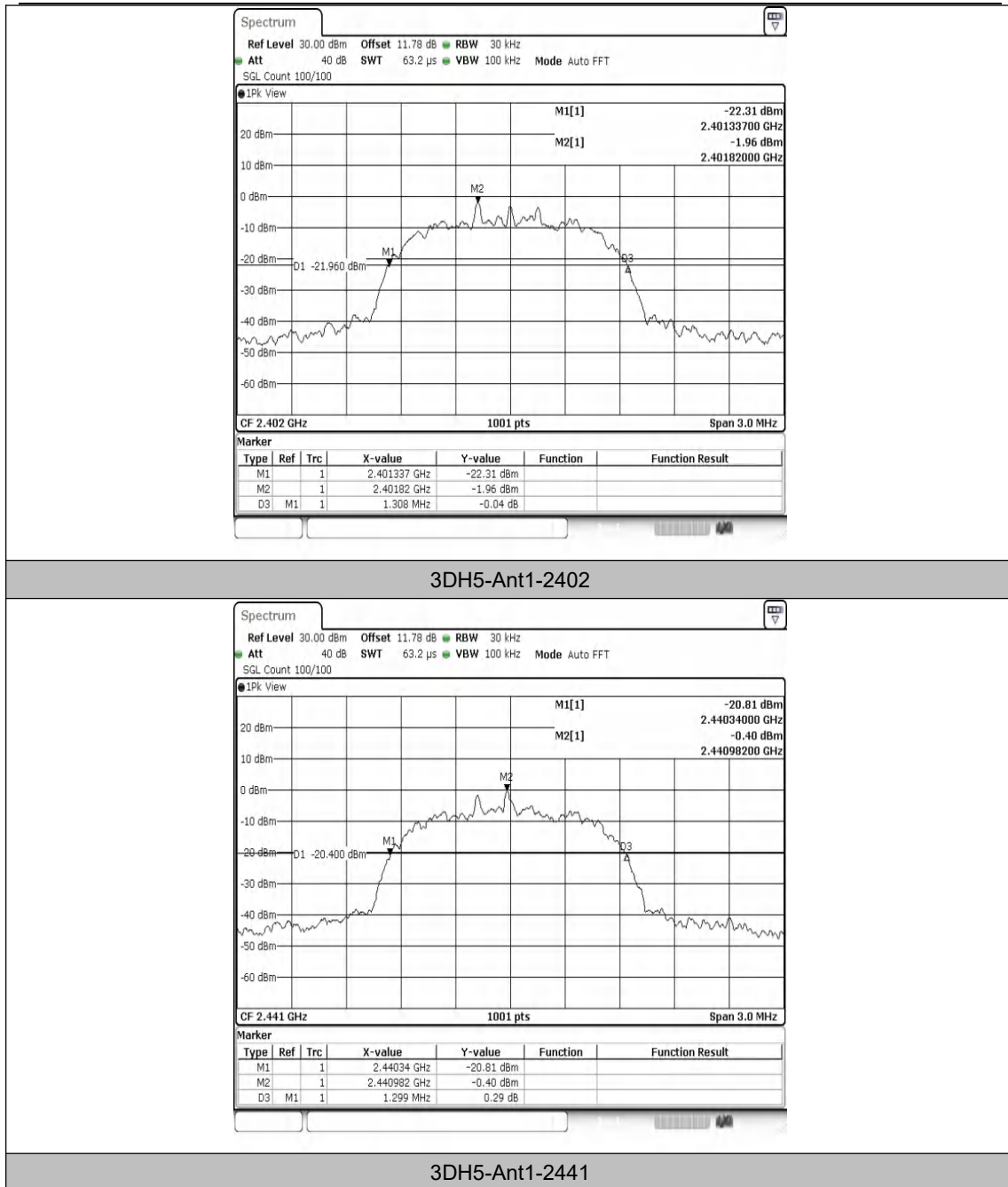
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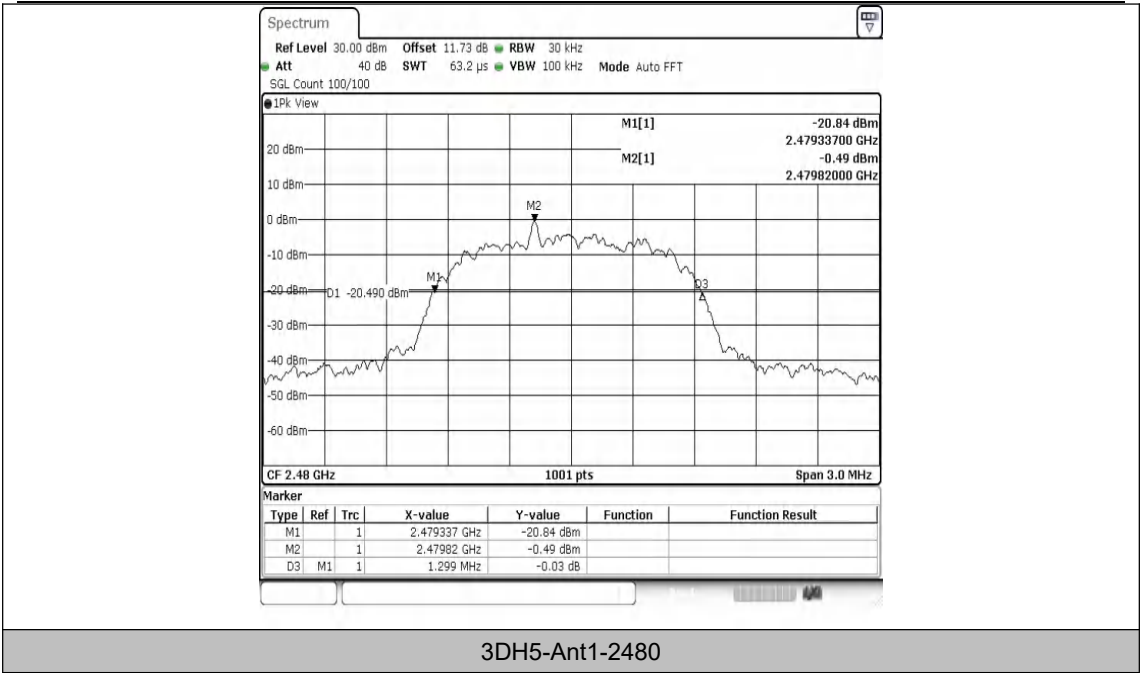


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Appendix B: 99% Occupied Bandwidth

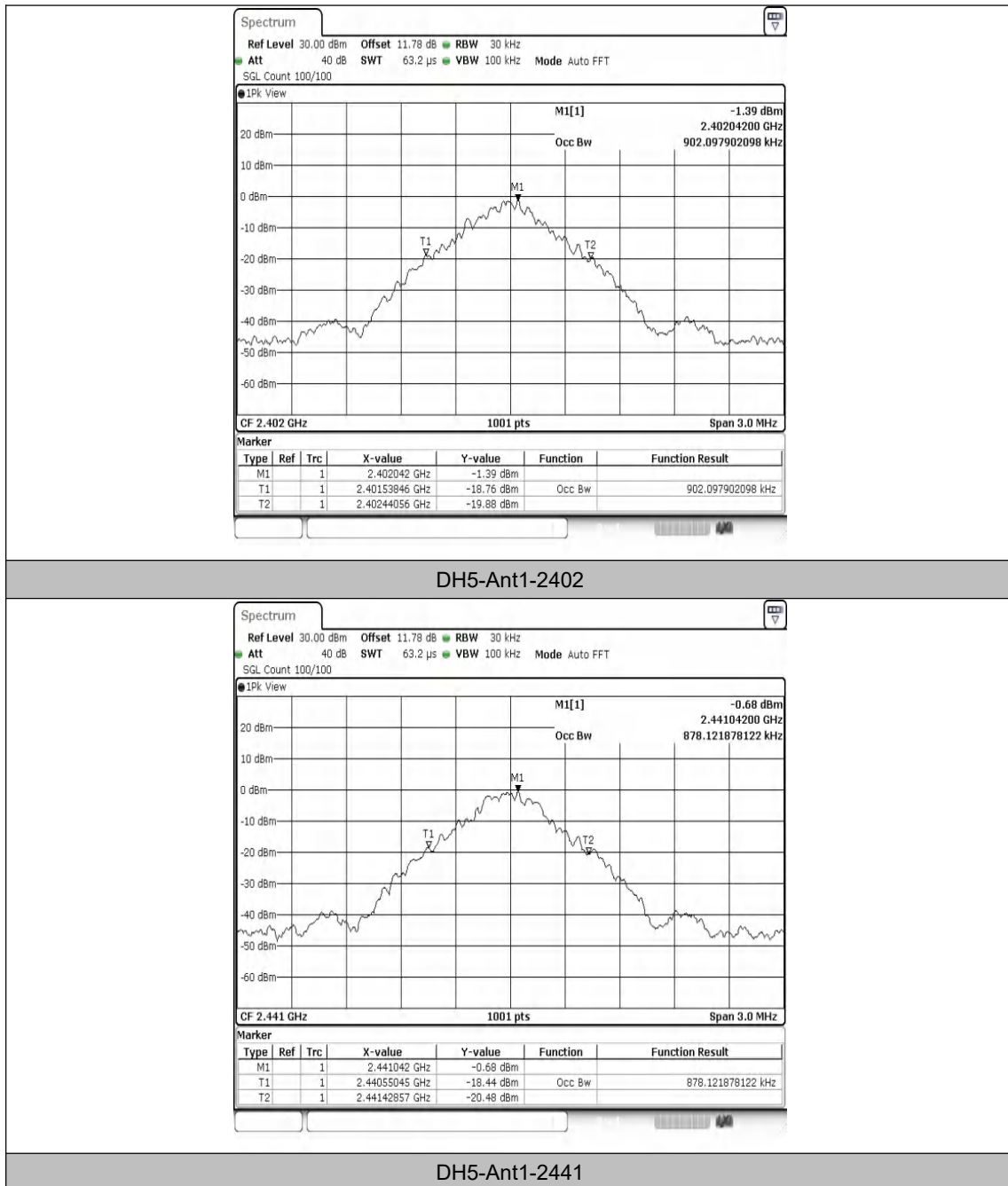
Test Result

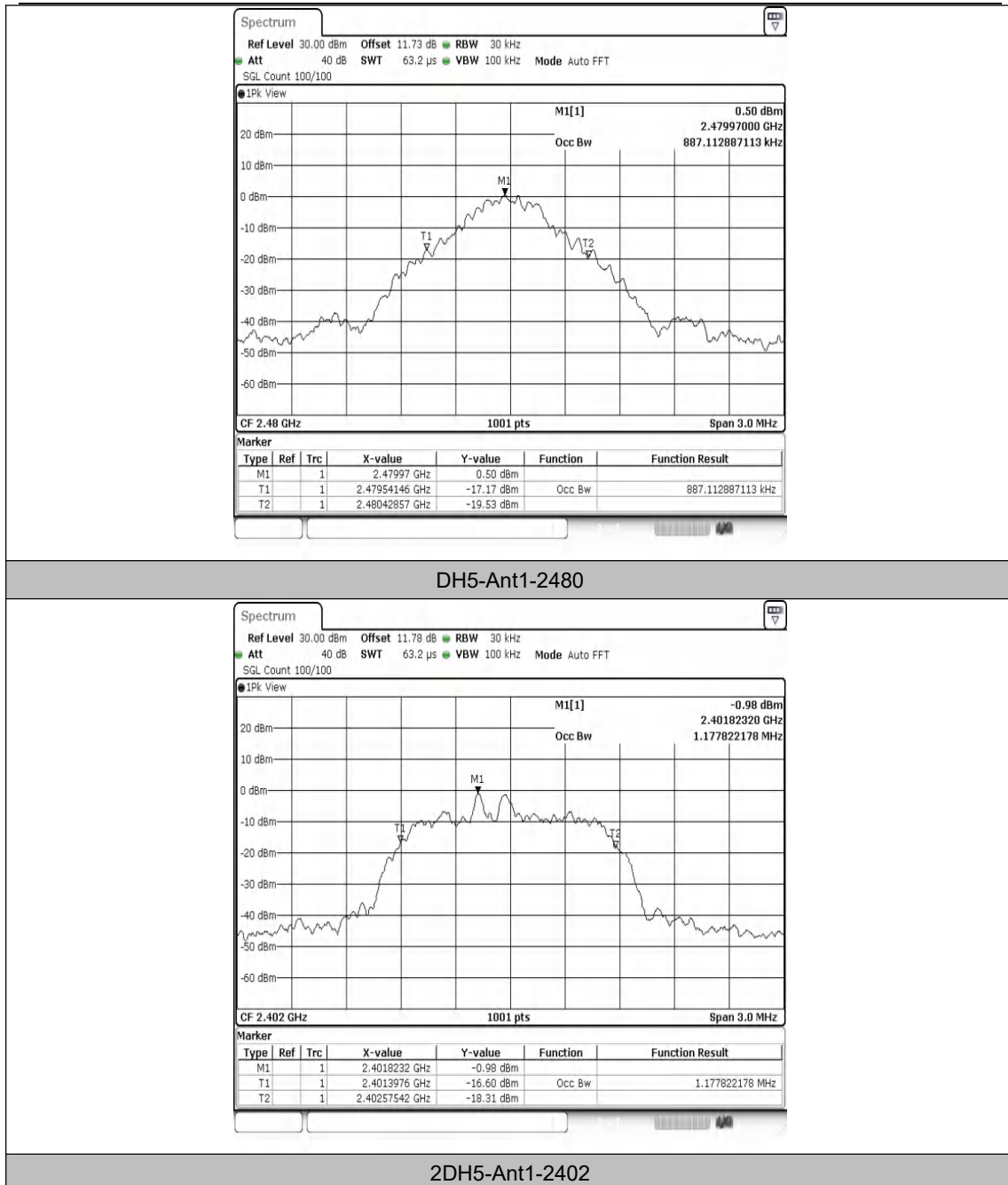
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.902	2401.5385	2402.4406	---	---
DH5	Ant1	2441	0.878	2440.5504	2441.4286	---	---
DH5	Ant1	2480	0.887	2479.5415	2480.4286	---	---
2DH5	Ant1	2402	1.178	2401.3976	2402.5754	---	---
2DH5	Ant1	2441	1.199	2440.3886	2441.5874	---	---
2DH5	Ant1	2480	1.184	2479.3916	2480.5754	---	---
3DH5	Ant1	2402	1.19	2401.3946	2402.5844	---	---
3DH5	Ant1	2441	1.208	2440.3796	2441.5874	---	---
3DH5	Ant1	2480	1.193	2479.3916	2480.5844	---	---

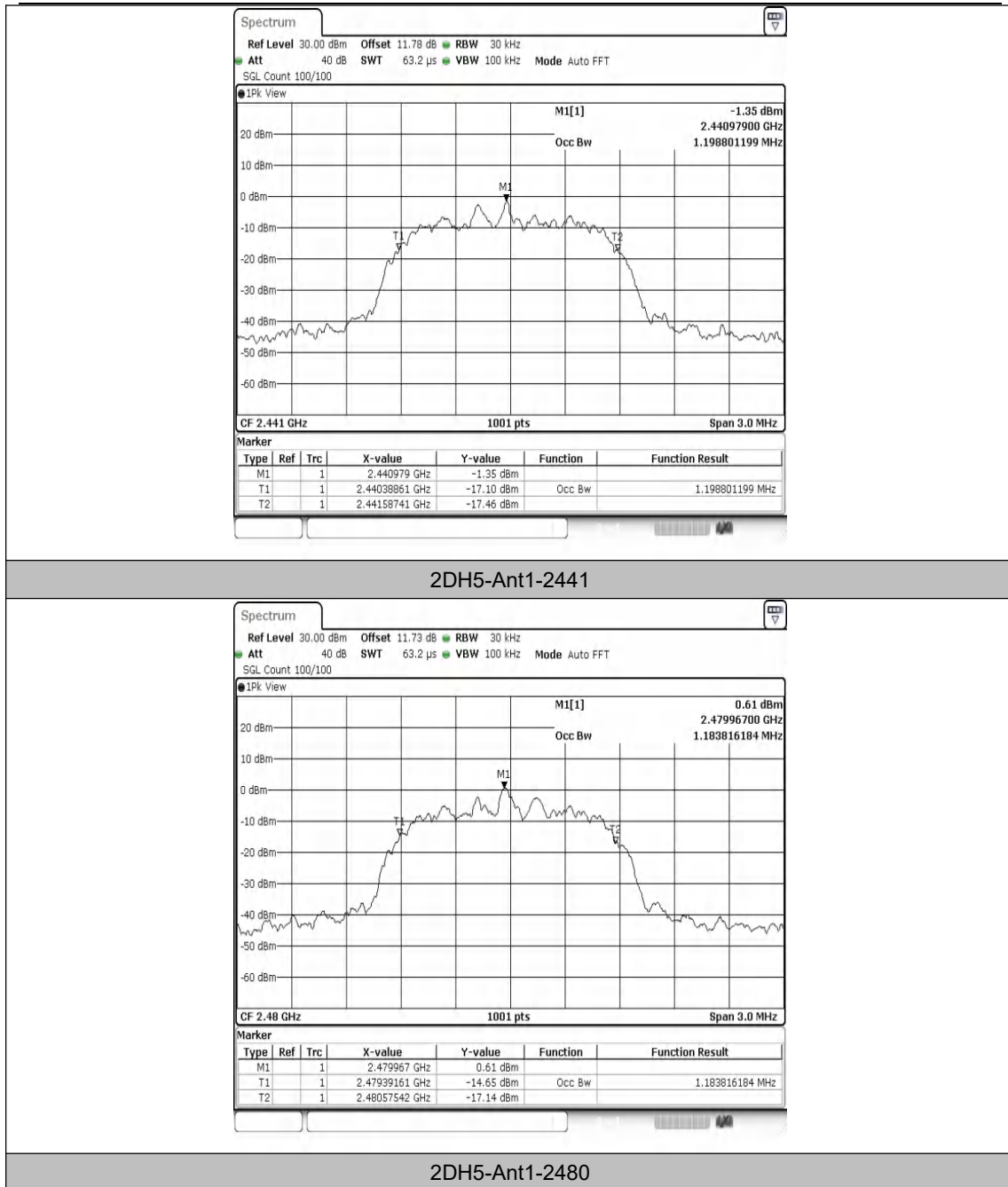
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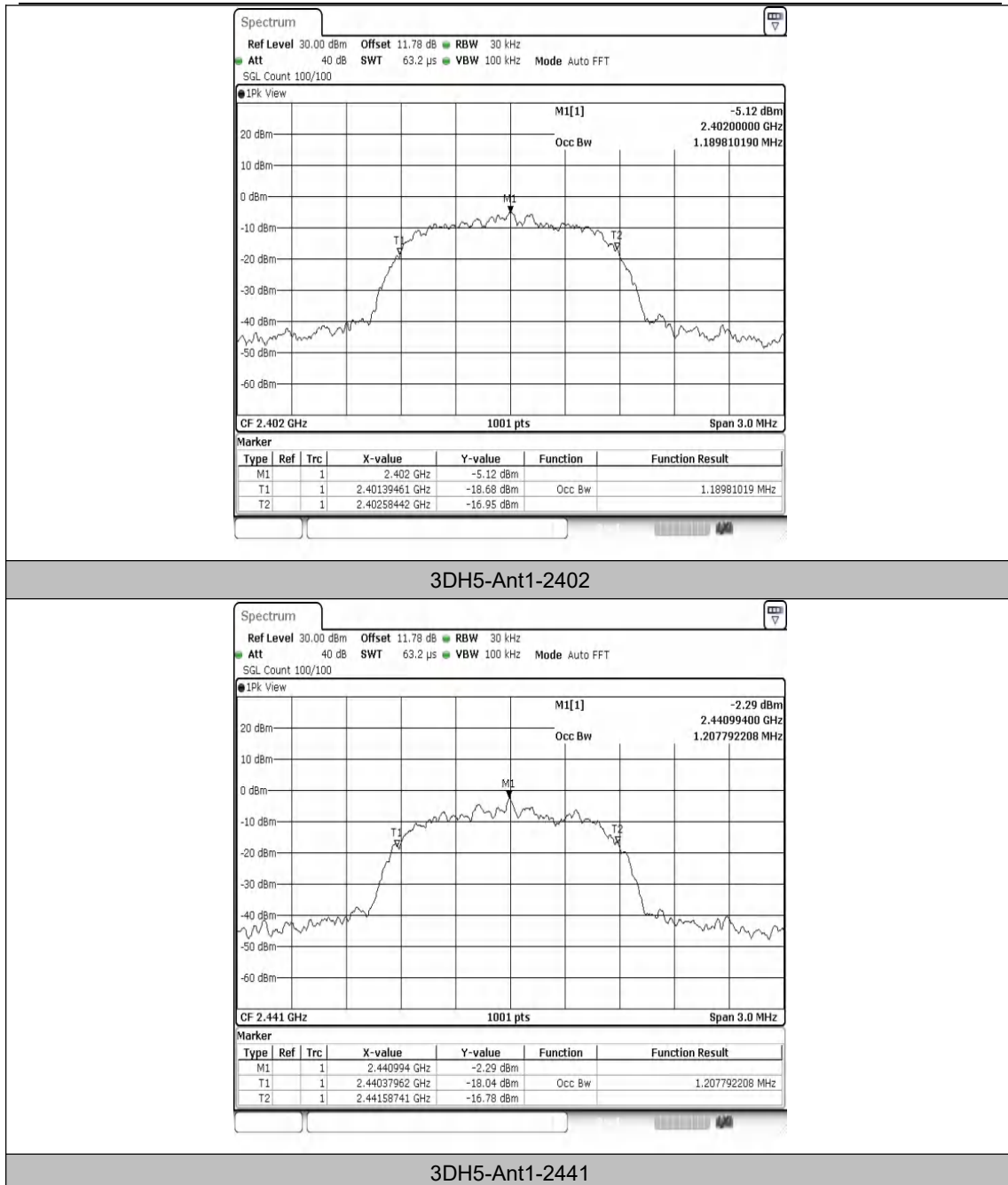


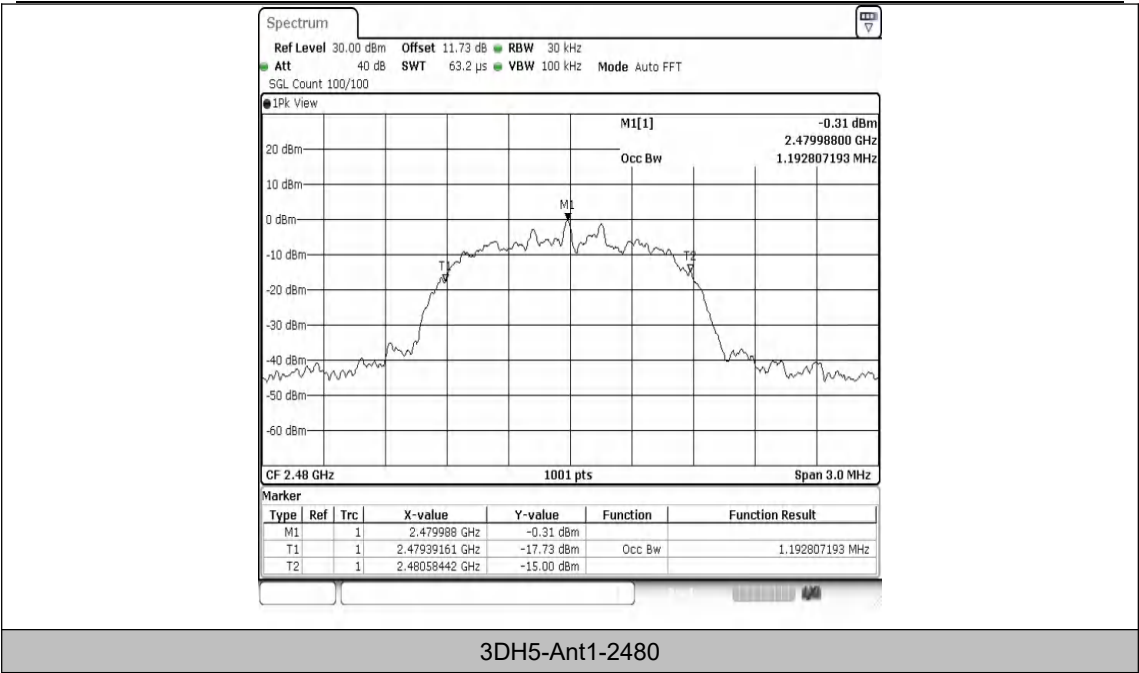
Test Graphs











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Appendix C: Maximum Conducted Output Power

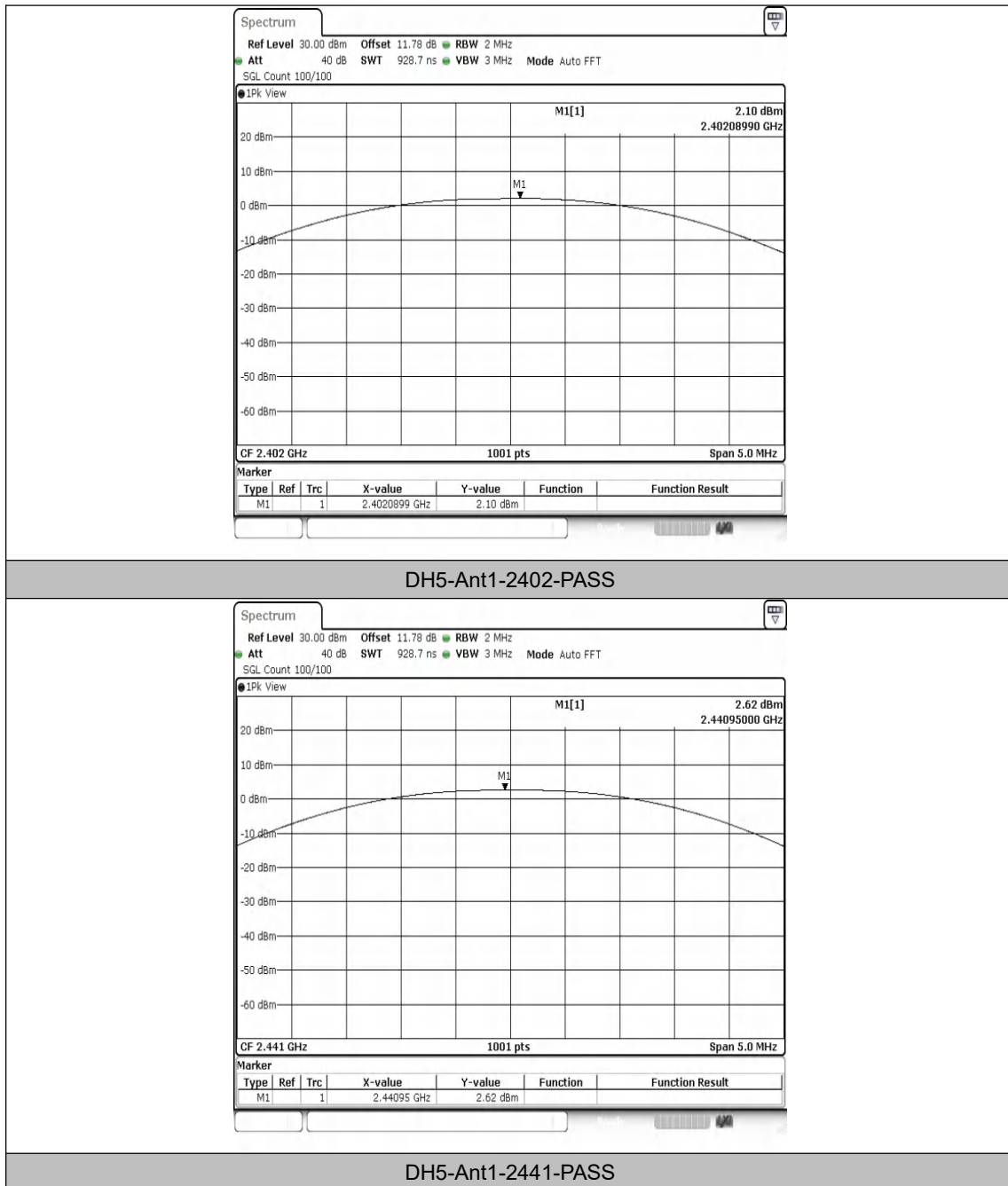
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	2.10	≤20.97	PASS
DH5	Ant1	2441	2.62	≤20.97	PASS
DH5	Ant1	2480	3.69	≤20.97	PASS
2DH5	Ant1	2402	2.47	≤20.97	PASS
2DH5	Ant1	2441	2.93	≤20.97	PASS
2DH5	Ant1	2480	4.17	≤20.97	PASS
3DH5	Ant1	2402	2.83	≤20.97	PASS
3DH5	Ant1	2441	3.62	≤20.97	PASS
3DH5	Ant1	2480	4.62	≤20.97	PASS

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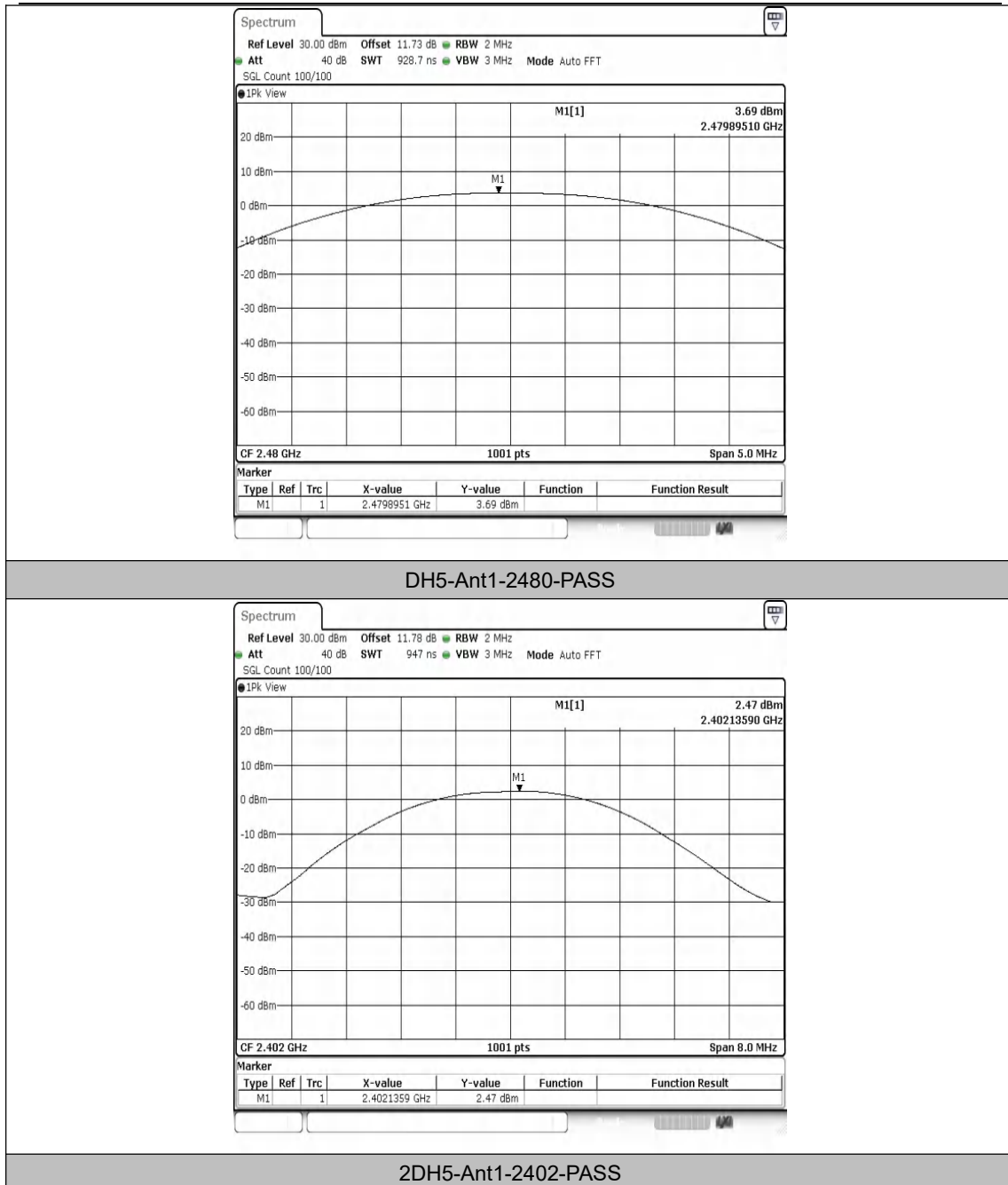
Test Graphs



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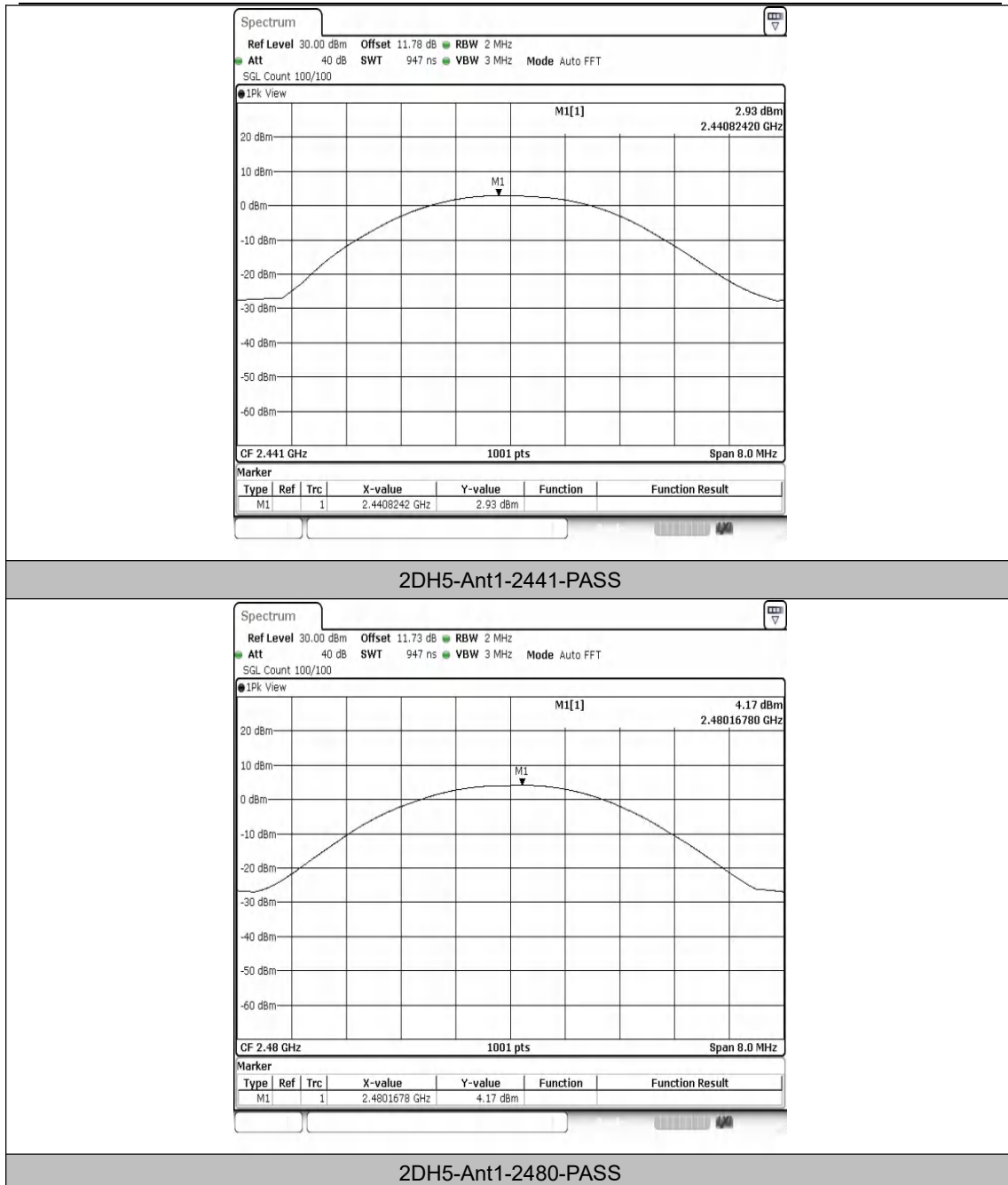
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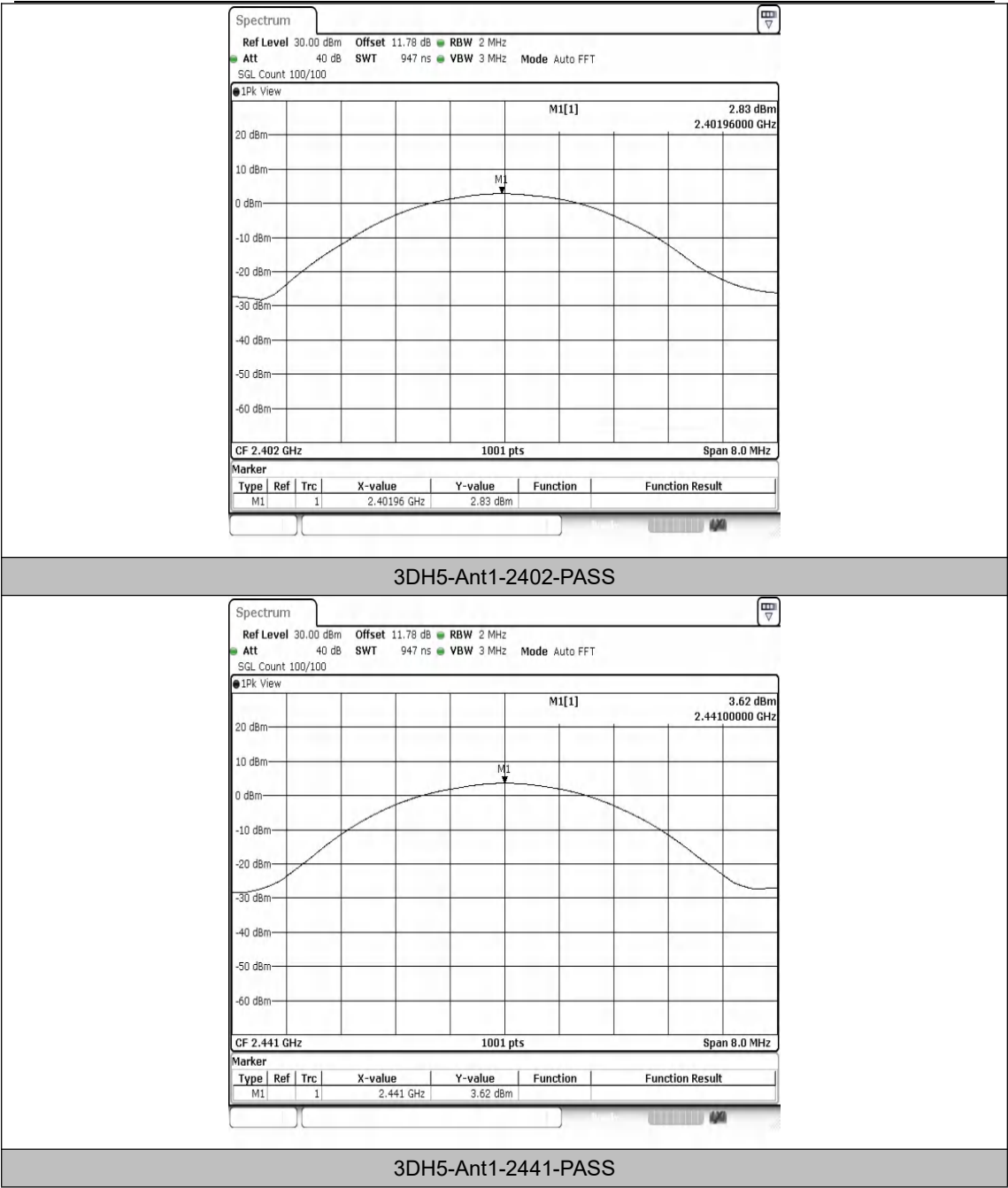


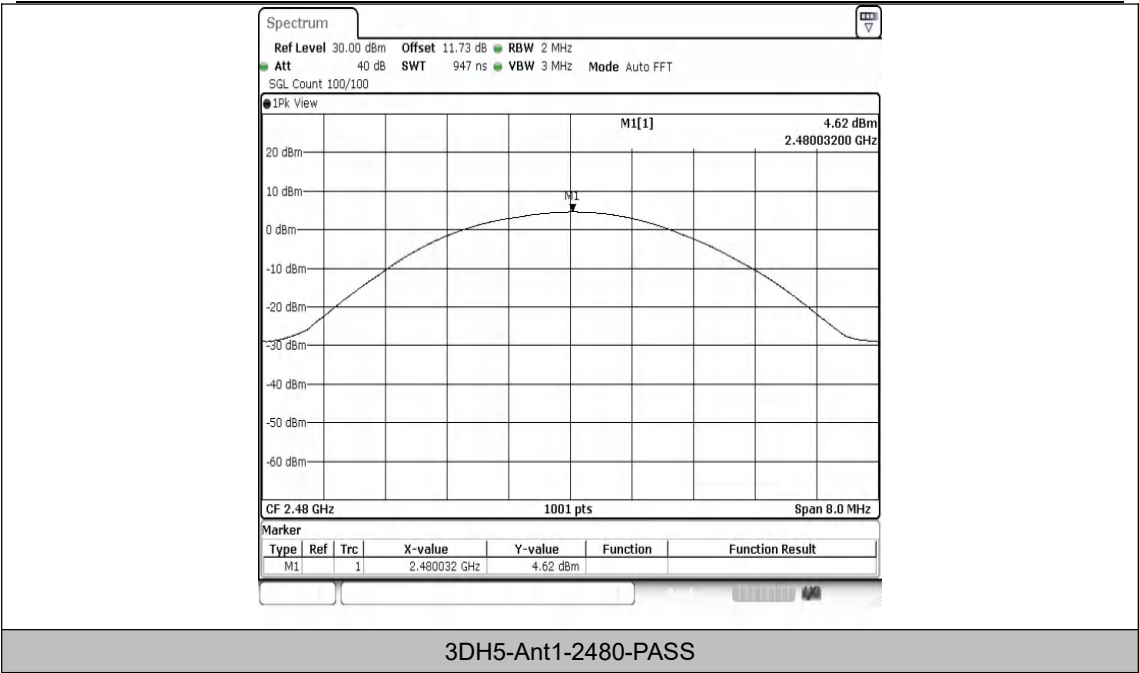
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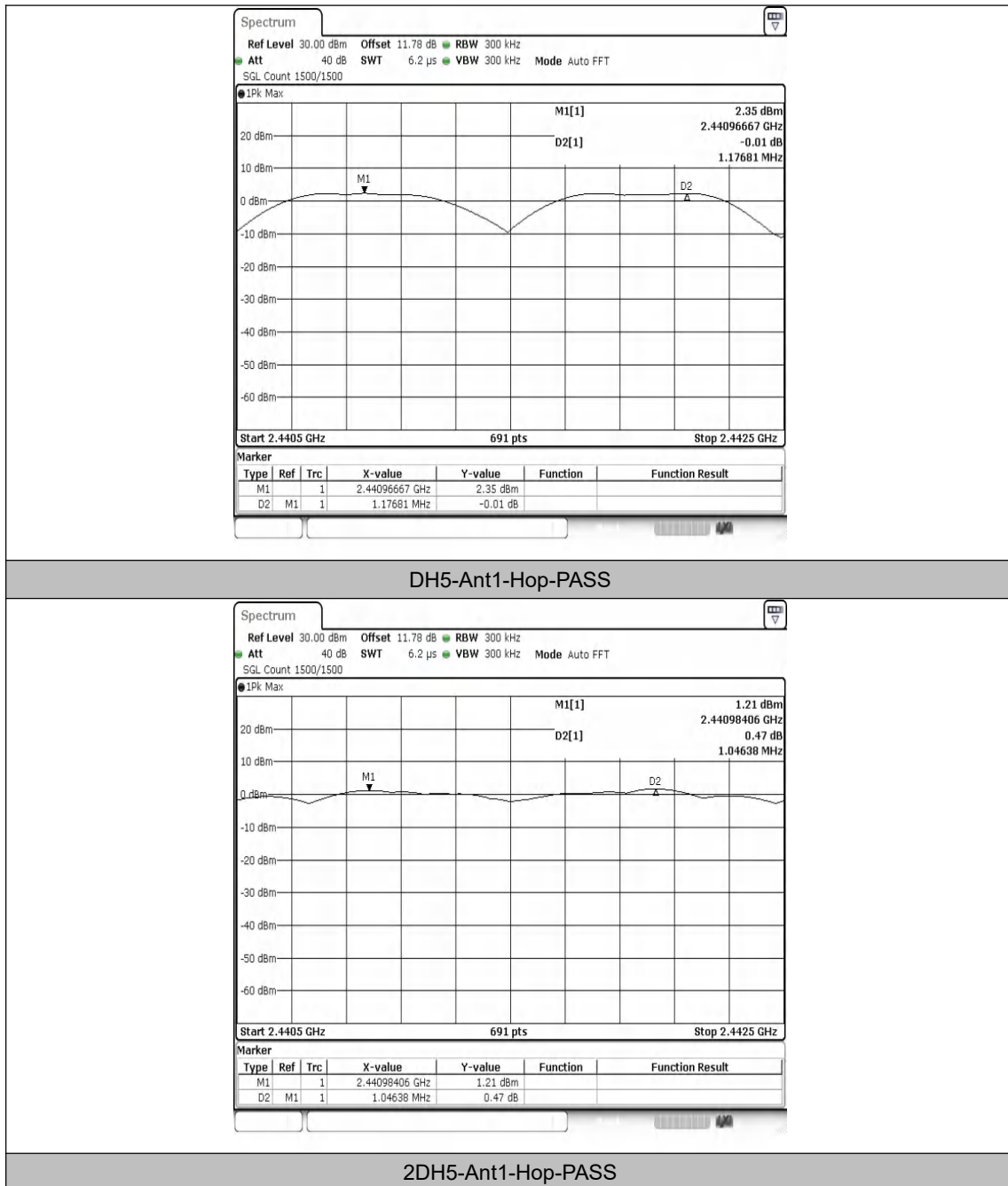
Appendix D: Carrier frequency separation

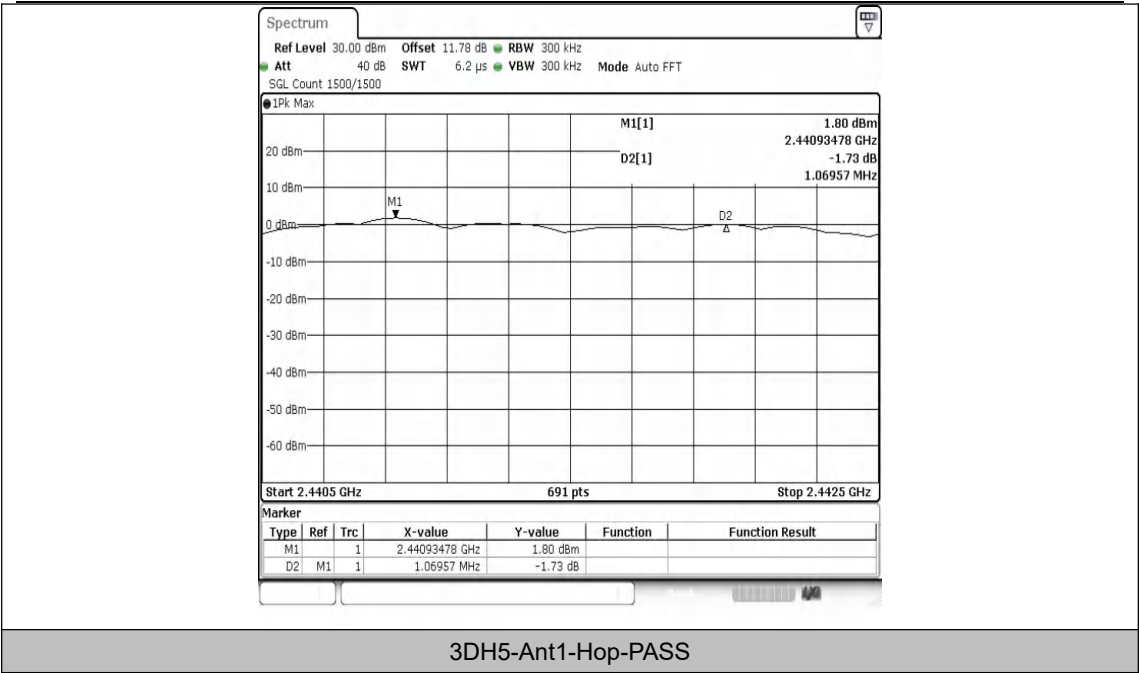
Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.177	≥ 0.673	PASS
2DH5	Ant1	Hop	1.046	≥ 0.880	PASS
3DH5	Ant1	Hop	1.070	≥ 0.873	PASS



Test Graphs





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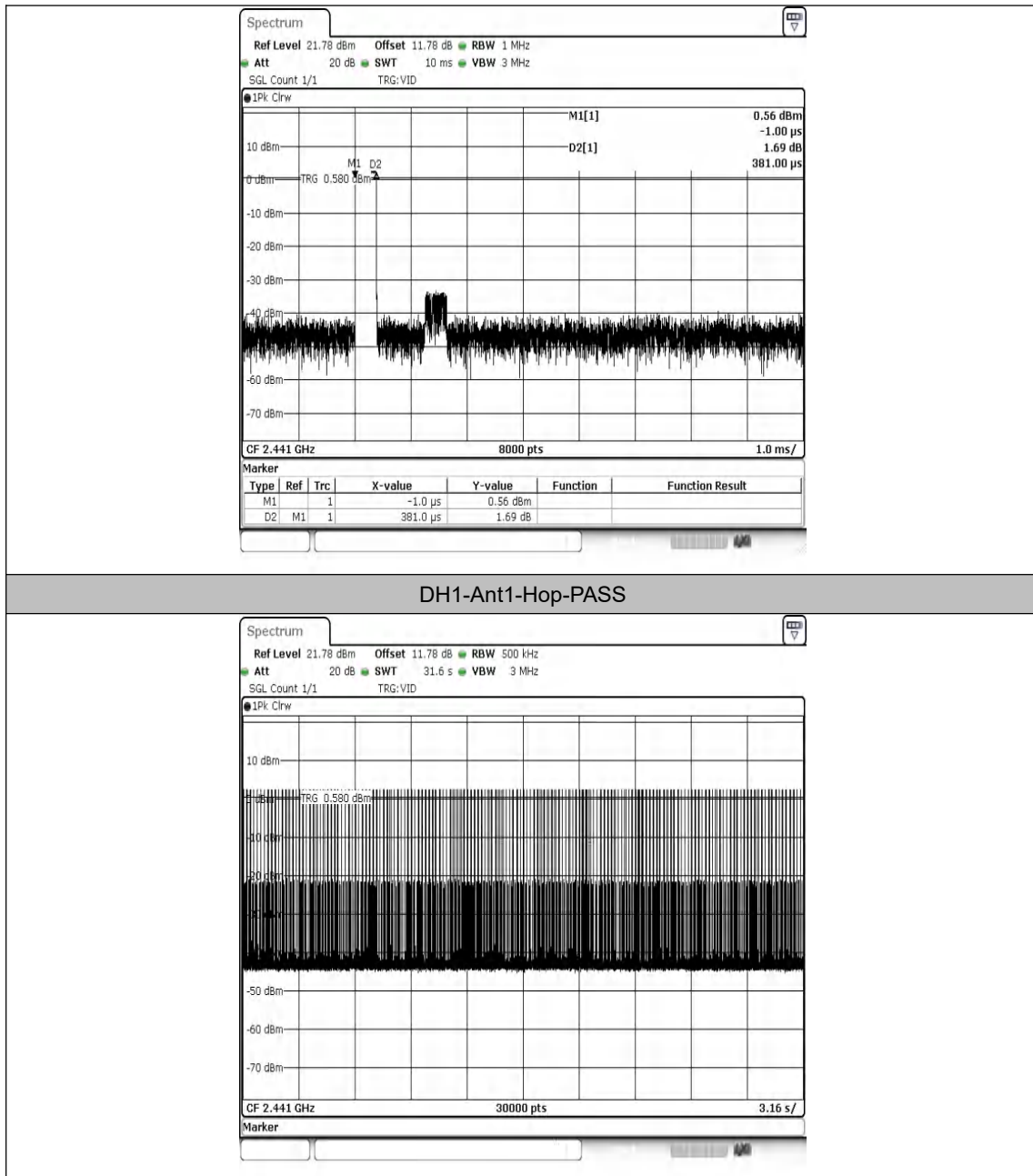
Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.381	318	0.121	≤0.4	PASS
DH3	Ant1	Hop	1.638	159	0.26	≤0.4	PASS
DH5	Ant1	Hop	2.885	100	0.289	≤0.4	PASS
2DH1	Ant1	Hop	0.390	319	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.643	152	0.25	≤0.4	PASS
2DH5	Ant1	Hop	2.892	115	0.333	≤0.4	PASS
3DH1	Ant1	Hop	0.390	319	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.641	171	0.281	≤0.4	PASS
3DH5	Ant1	Hop	2.893	120	0.347	≤0.4	PASS



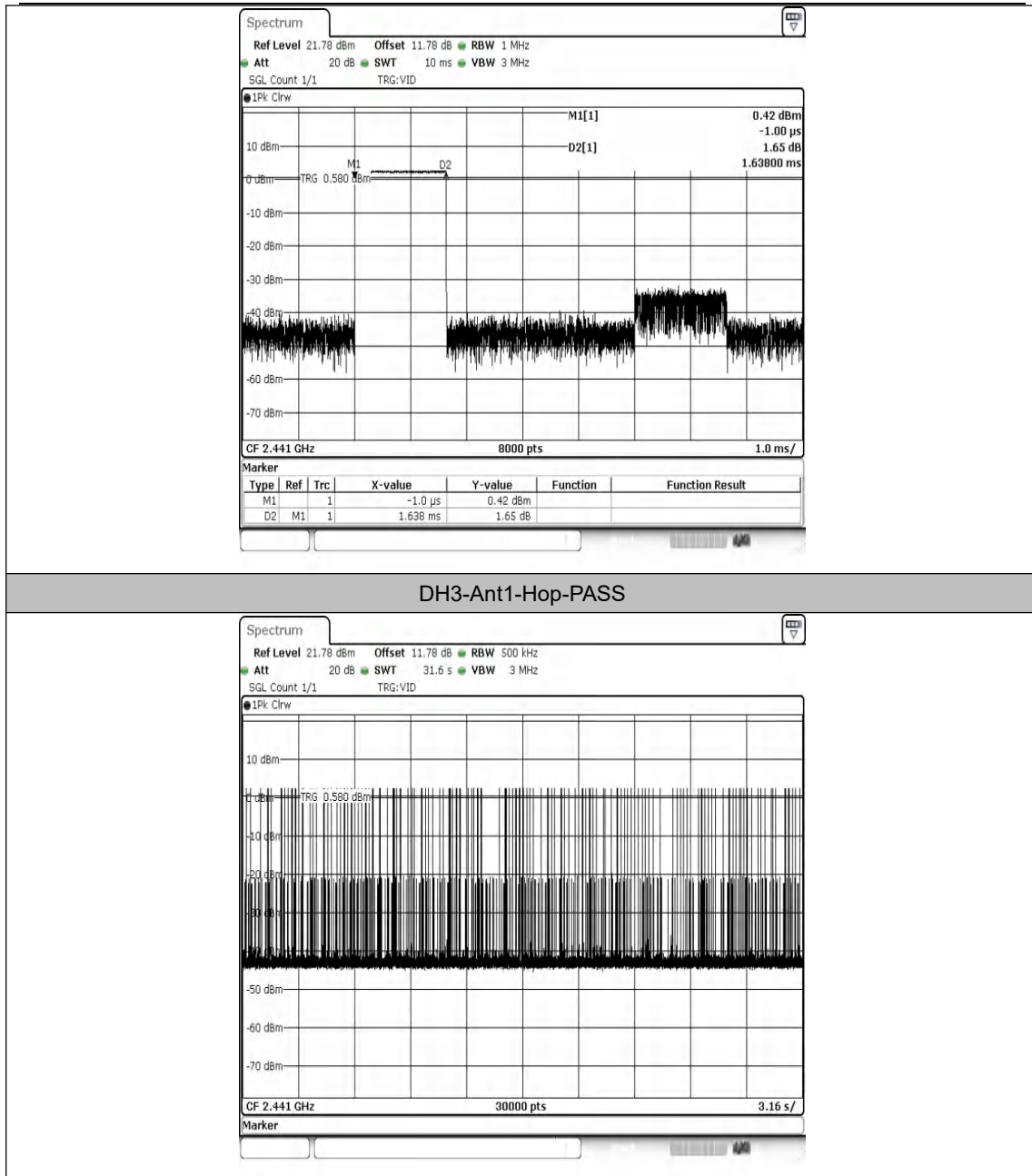
Test Graphs



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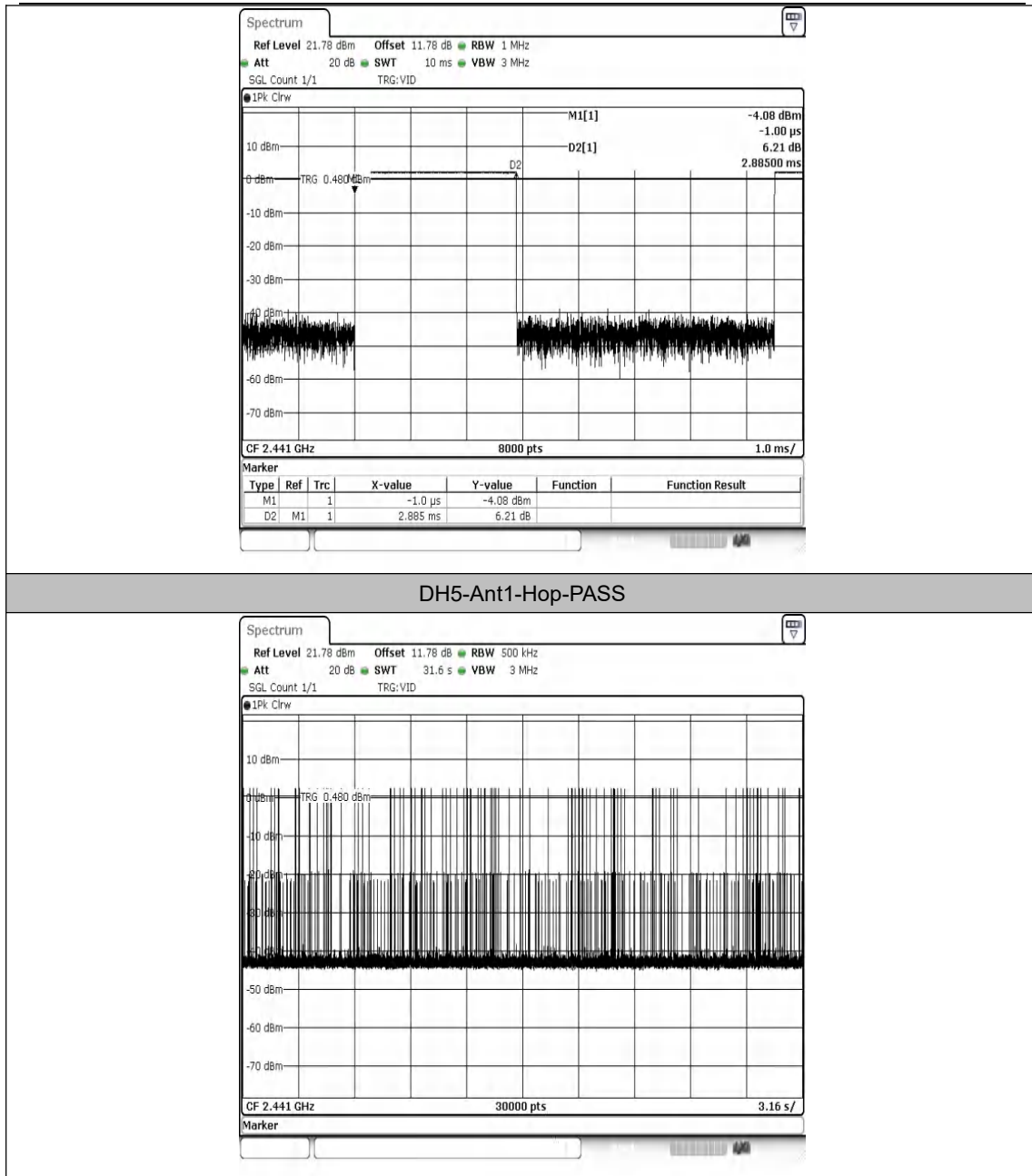
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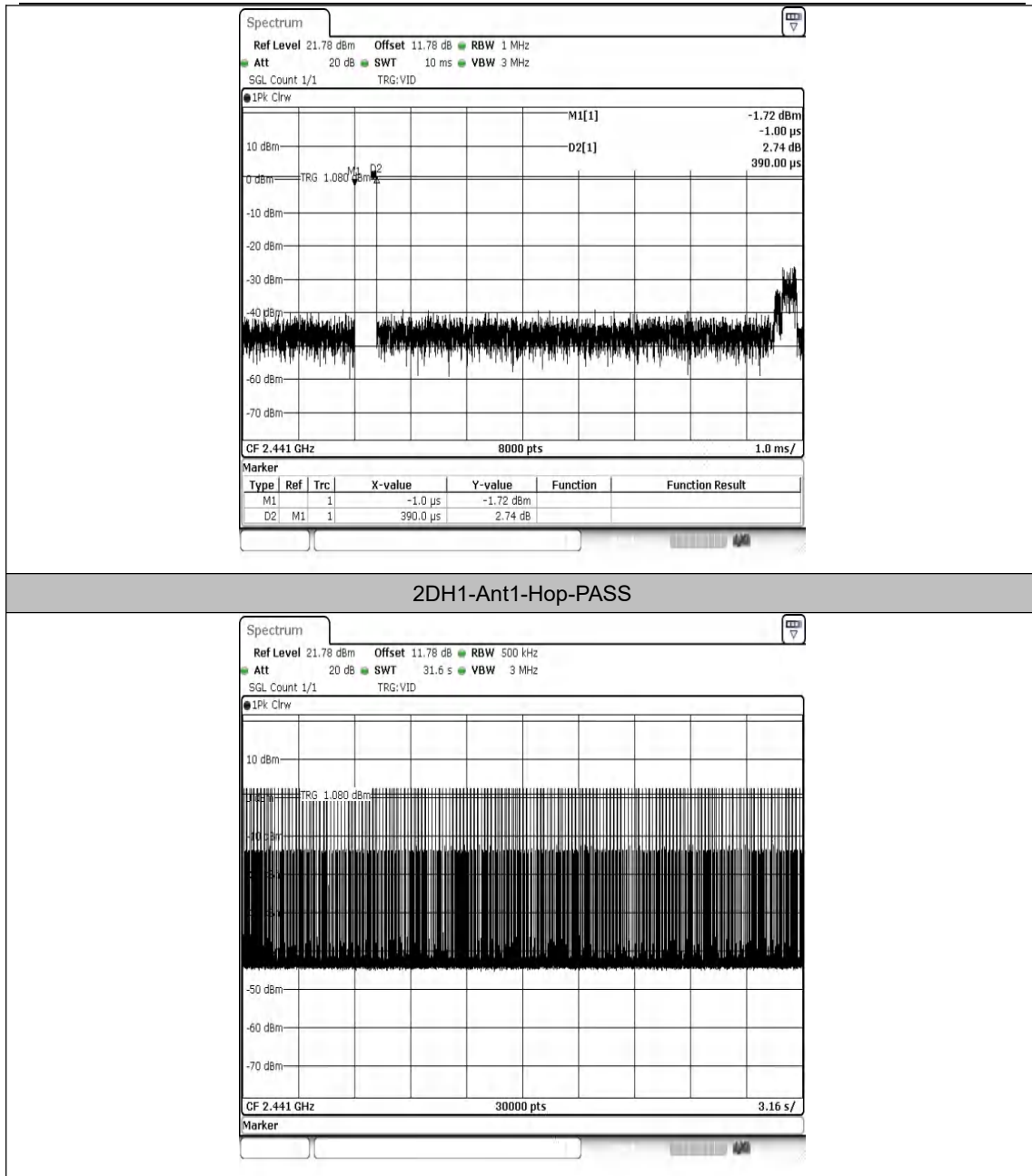


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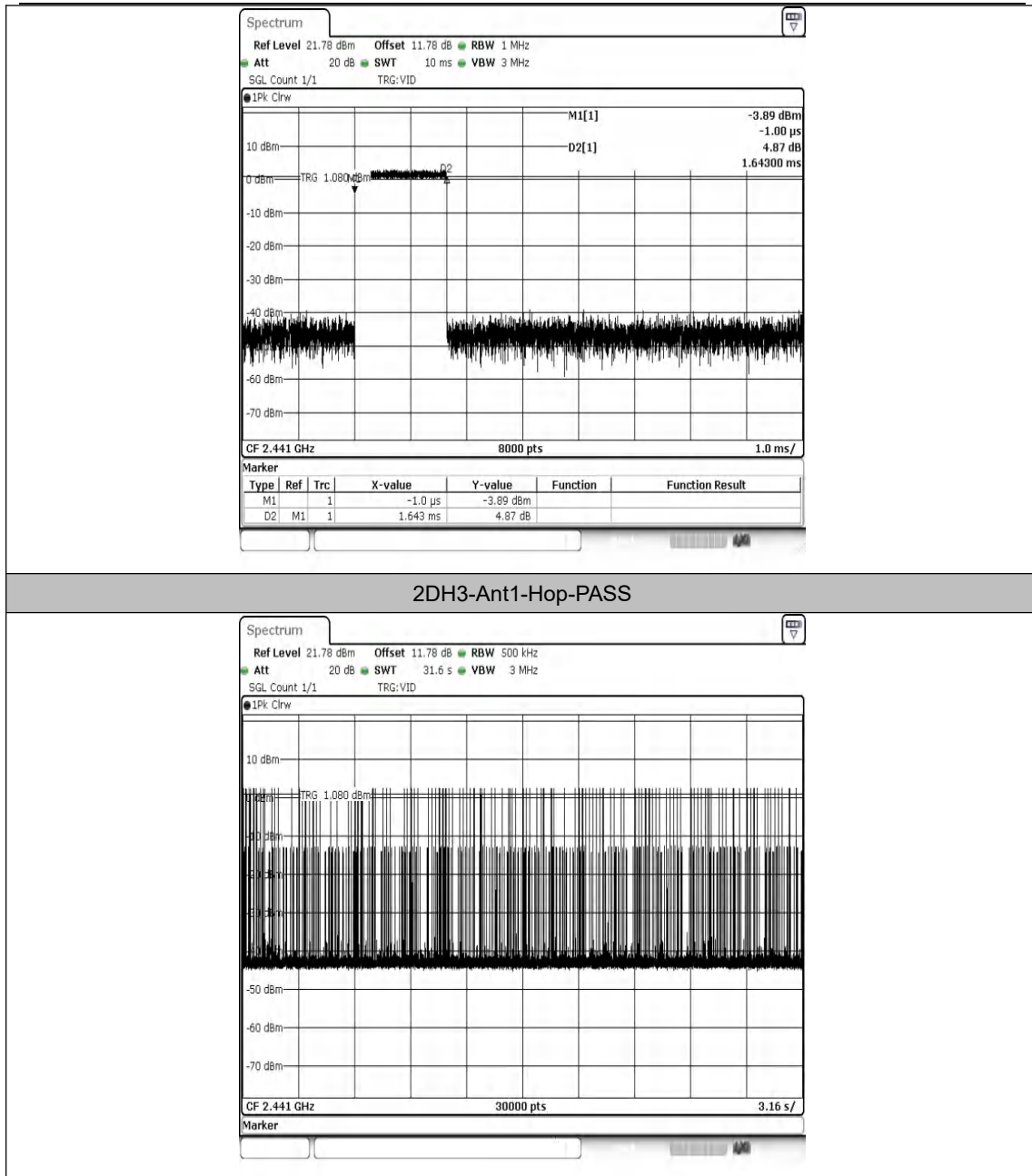




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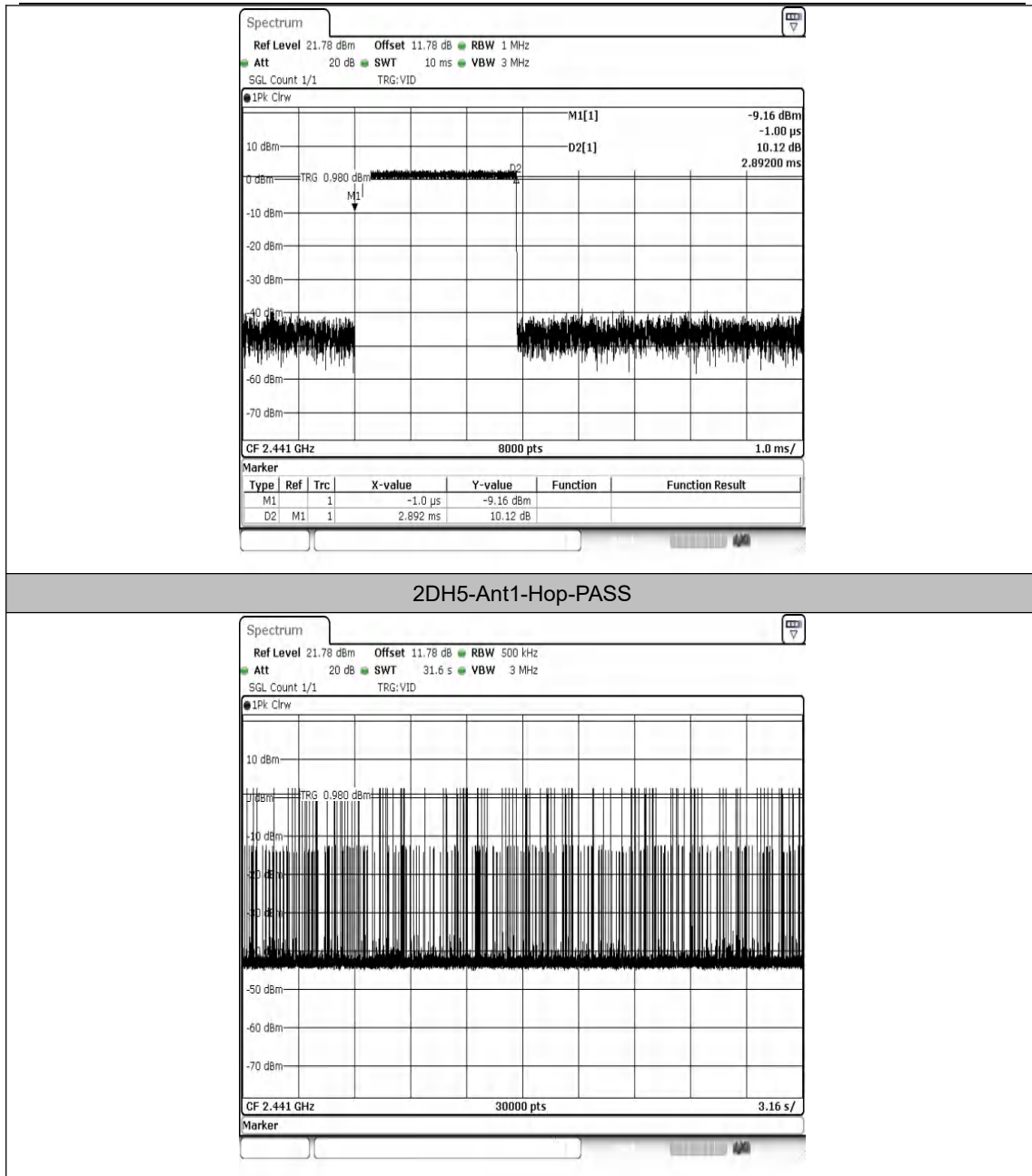
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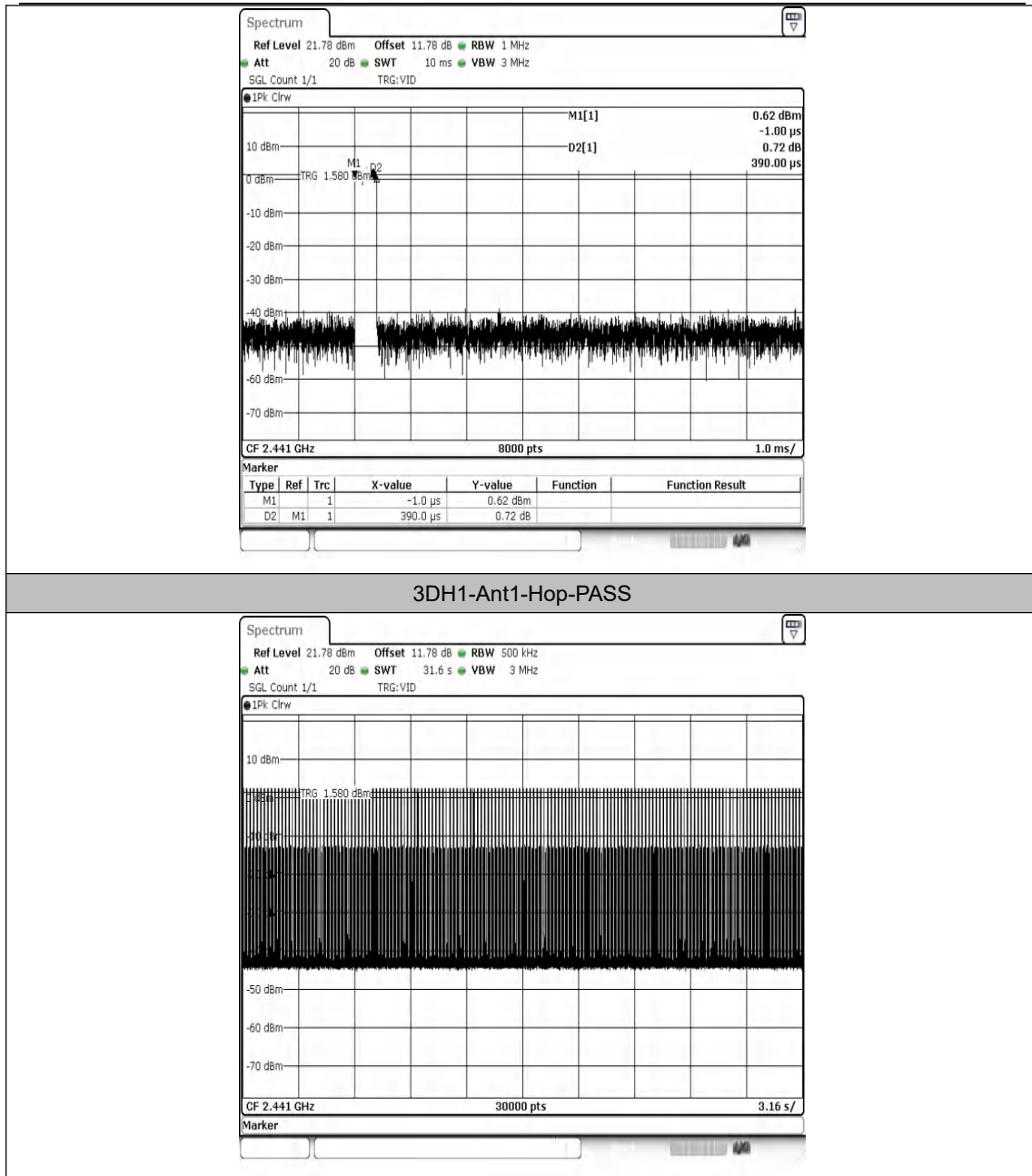


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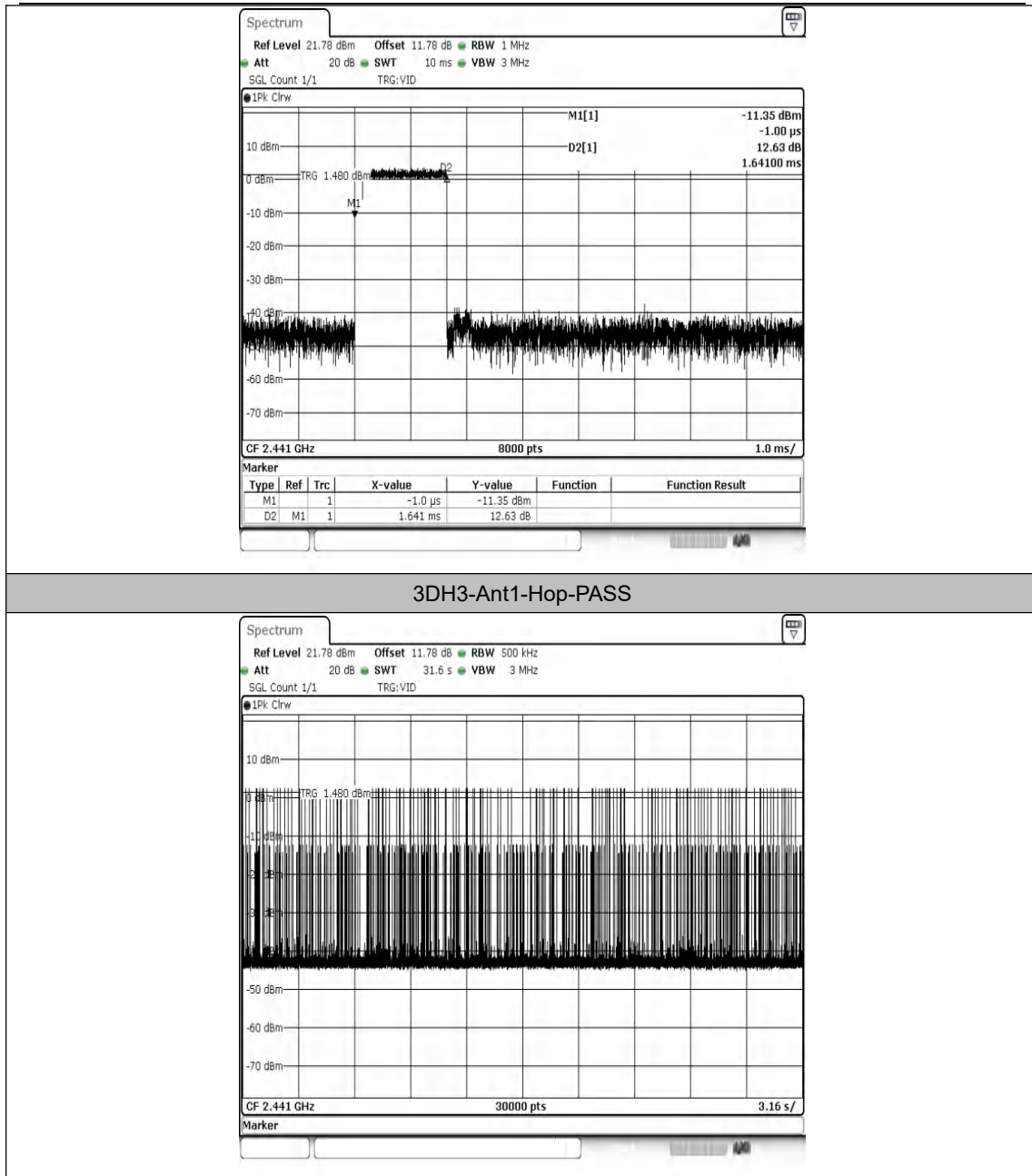




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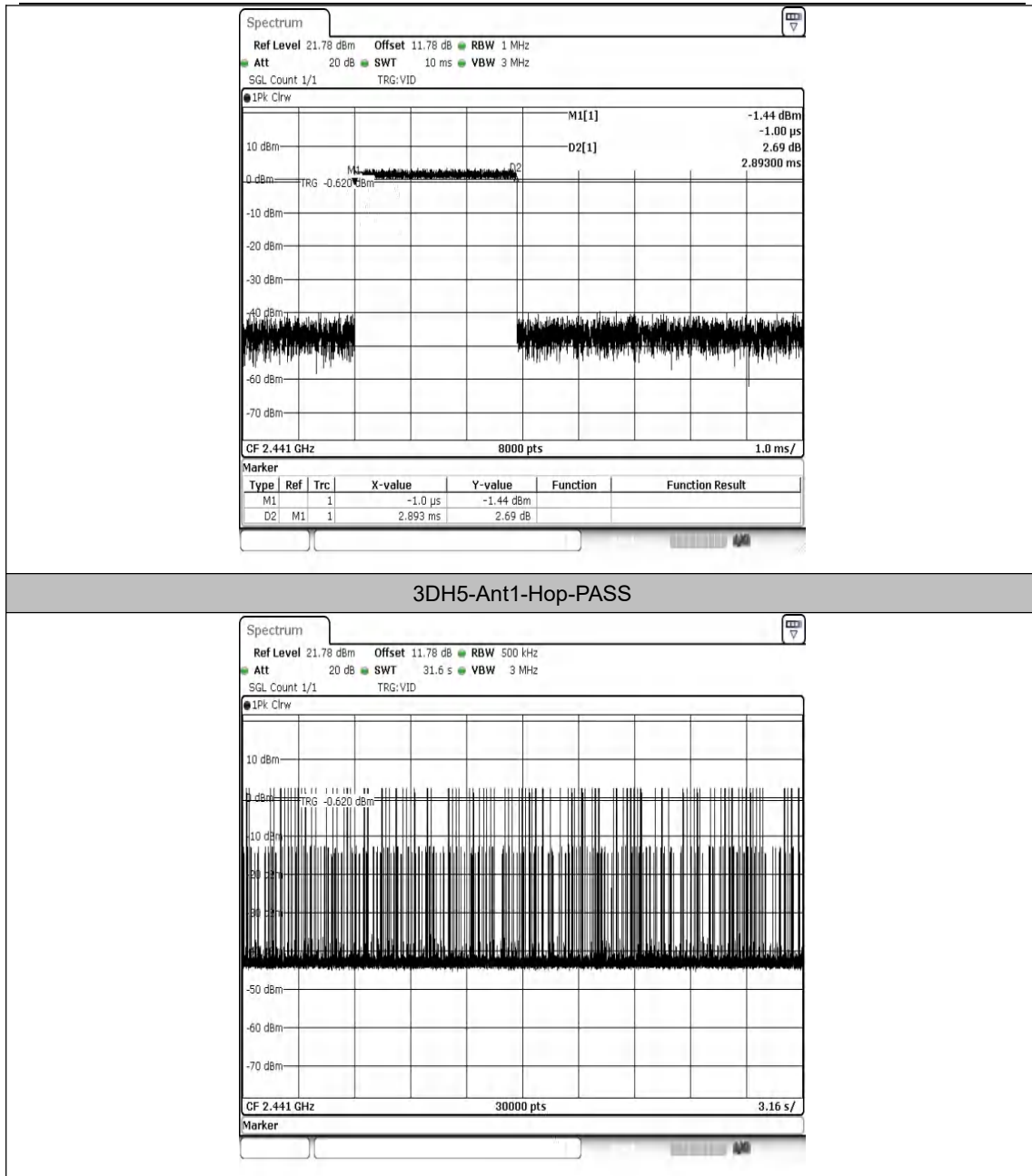
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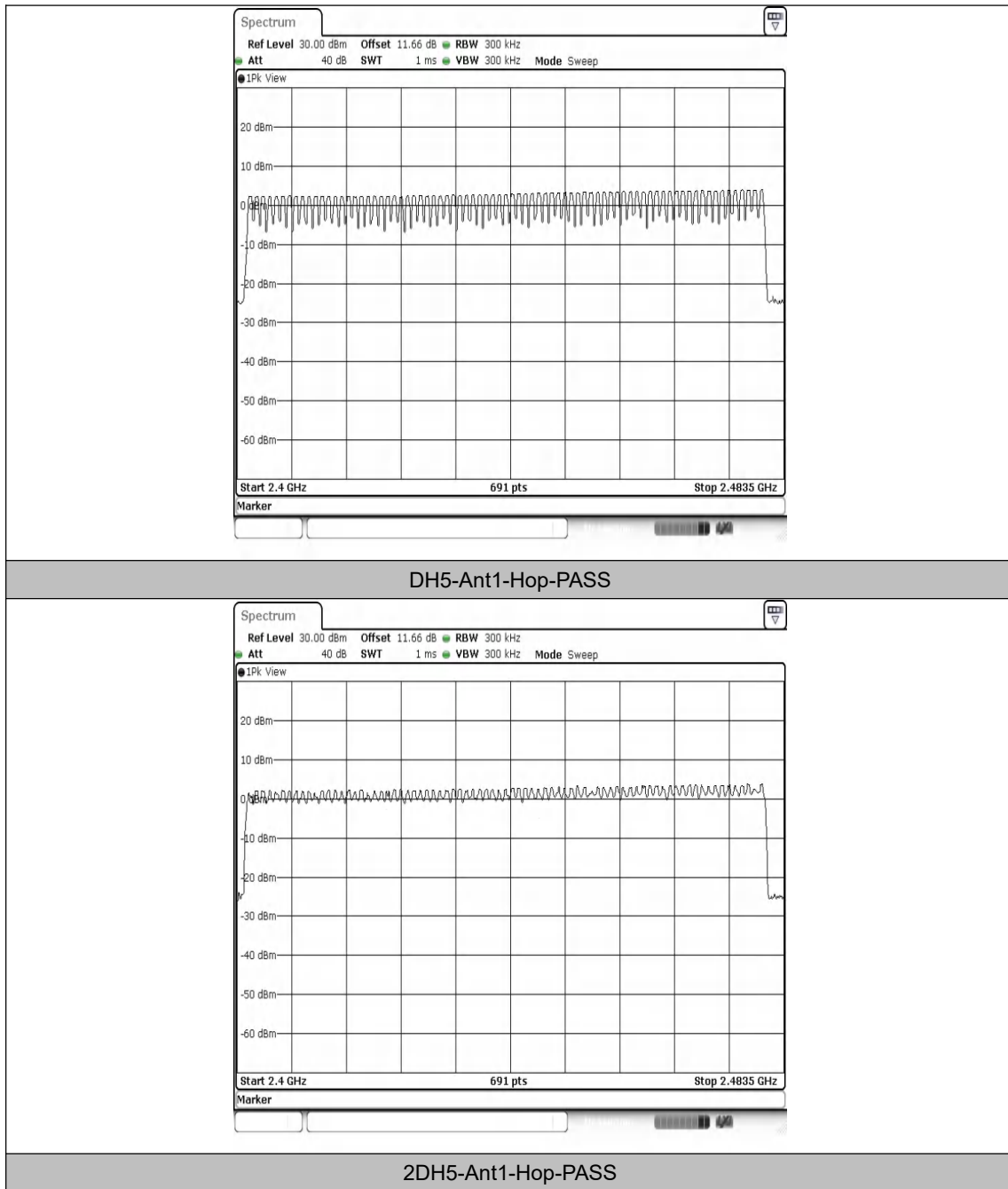
Appendix F: Number of Hopping Channel

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS



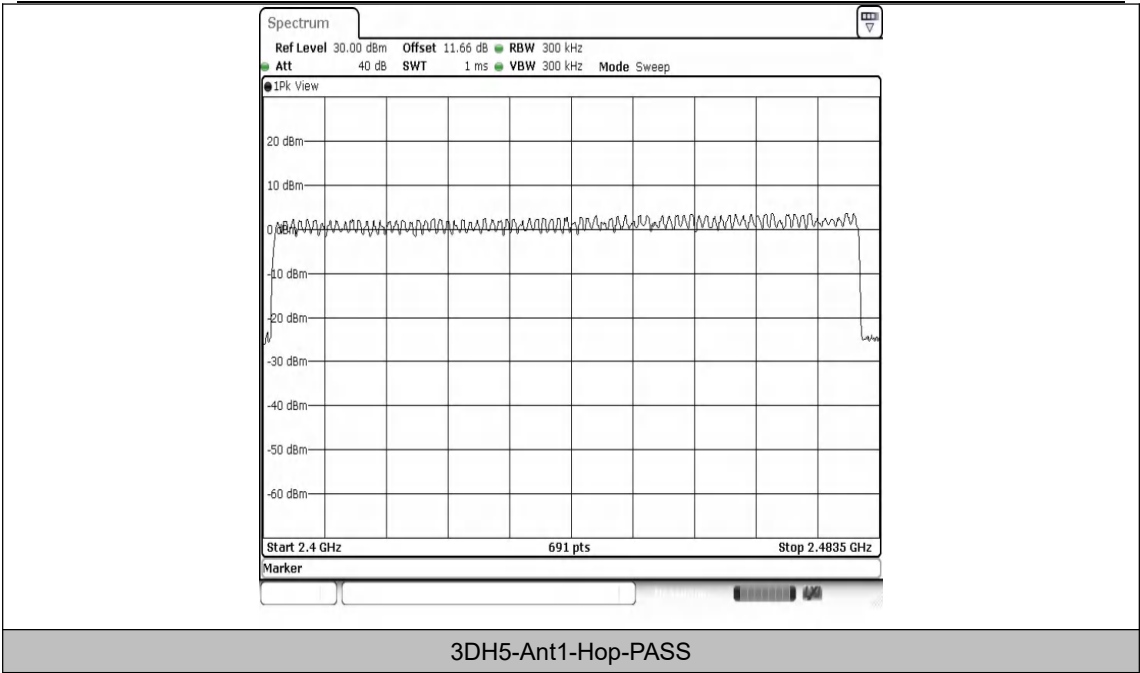
Test Graphs



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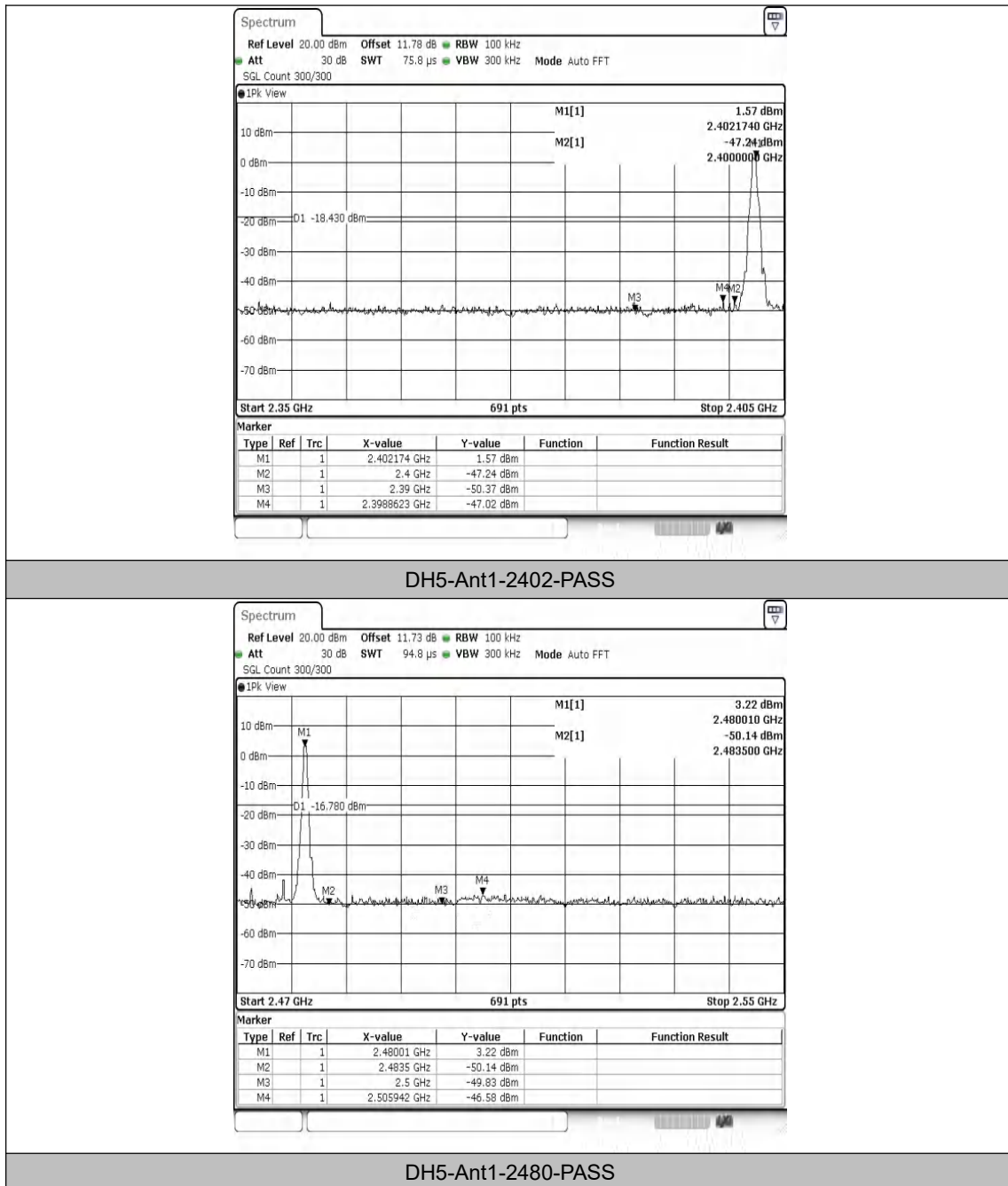
Appendix G: Conducted Band edge

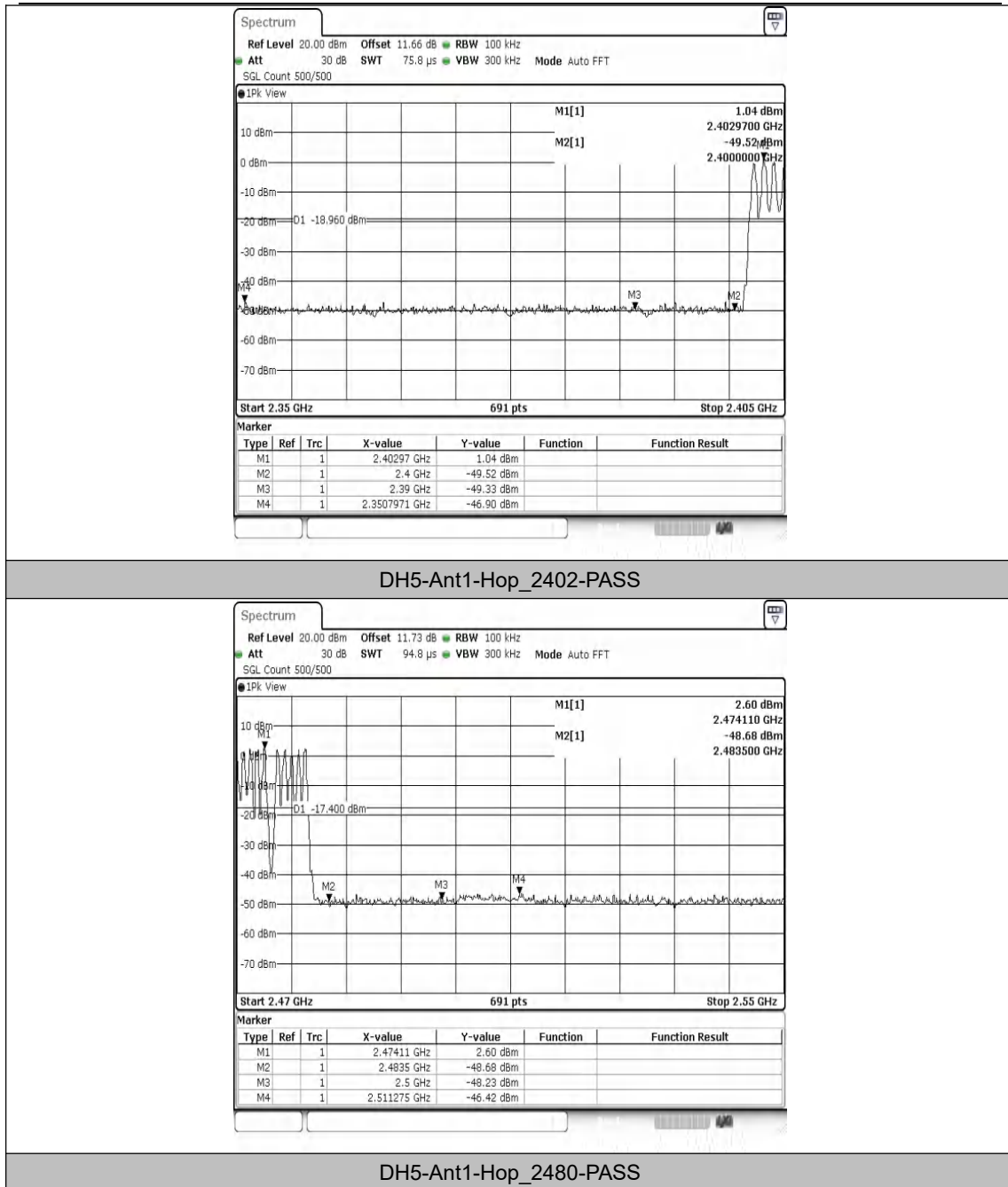
Test Result

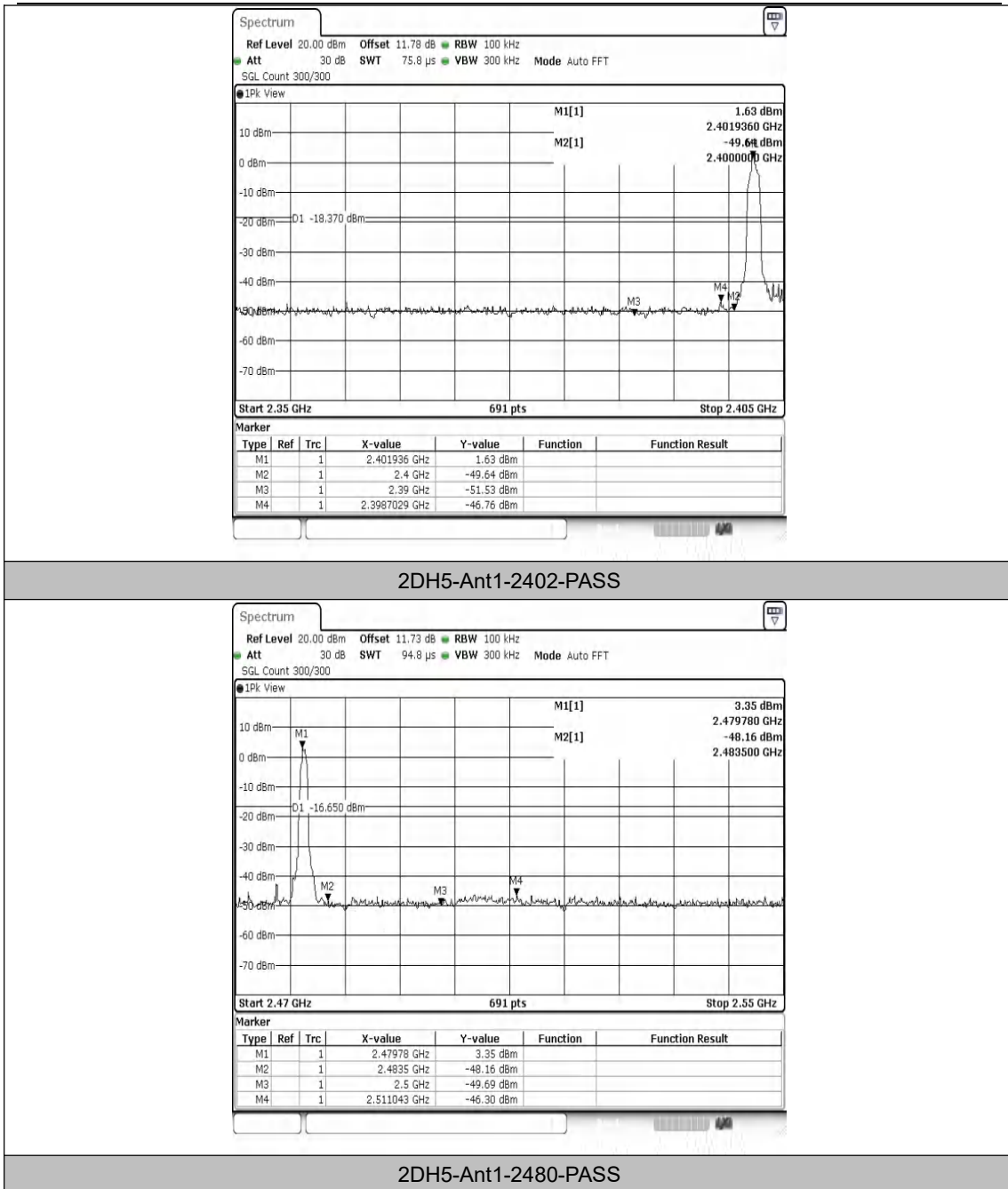
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.57	-47.02	≤-18.43	PASS
DH5	Ant1	High	2480	3.22	-46.58	≤-16.78	PASS
DH5	Ant1	Low	Hop_2402	1.04	-46.9	≤-18.96	PASS
DH5	Ant1	High	Hop_2480	2.60	-46.42	≤-17.4	PASS
2DH5	Ant1	Low	2402	1.63	-46.76	≤-18.37	PASS
2DH5	Ant1	High	2480	3.35	-46.3	≤-16.65	PASS
2DH5	Ant1	Low	Hop_2402	-2.94	-46.78	≤-22.94	PASS
2DH5	Ant1	High	Hop_2480	3.27	-45.37	≤-16.73	PASS
3DH5	Ant1	Low	2402	1.76	-46.33	≤-18.24	PASS
3DH5	Ant1	High	2480	3.27	-45.16	≤-16.73	PASS
3DH5	Ant1	Low	Hop_2402	-1.47	-47.39	≤-21.47	PASS
3DH5	Ant1	High	Hop_2480	2.81	-45.48	≤-17.19	PASS

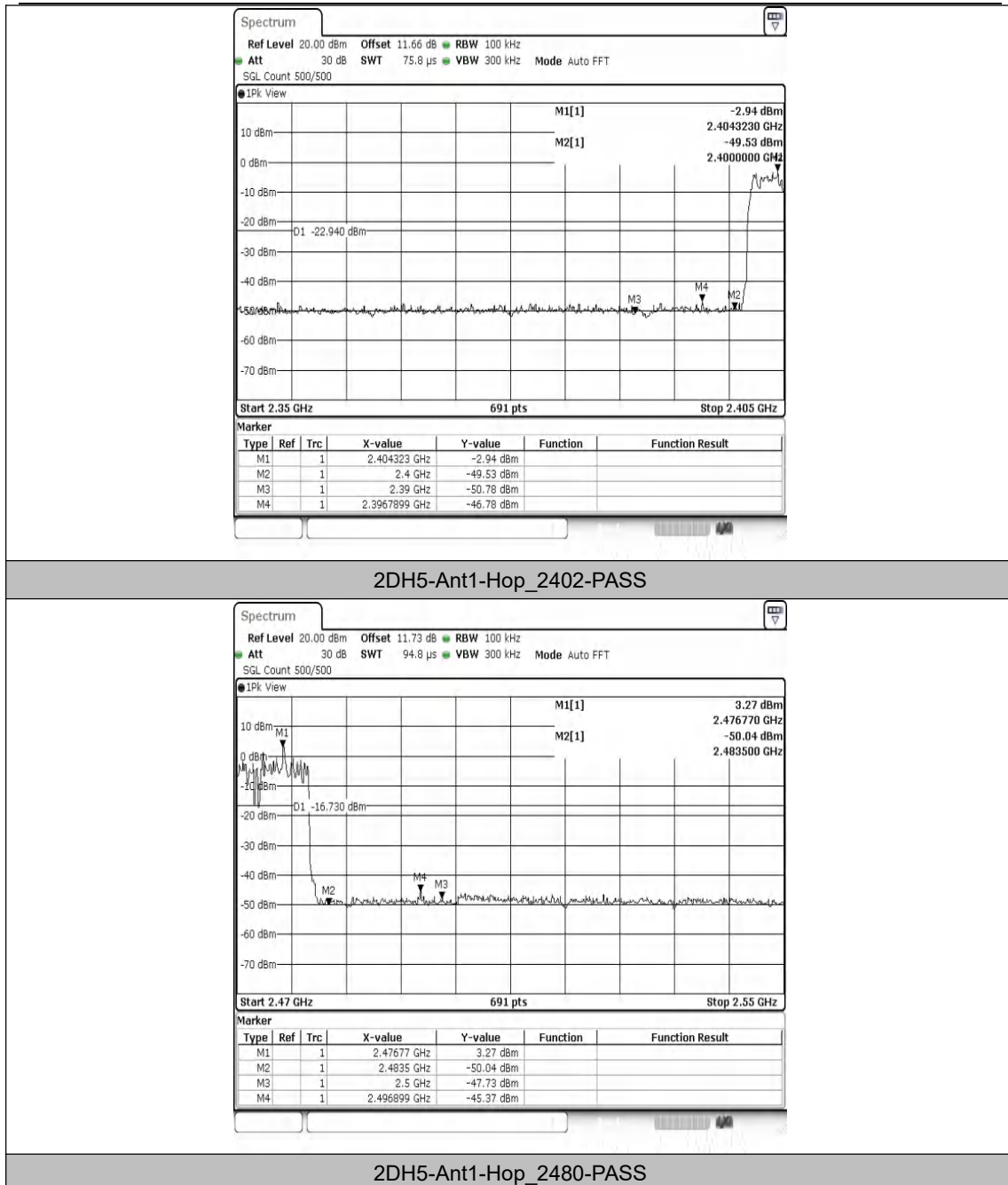


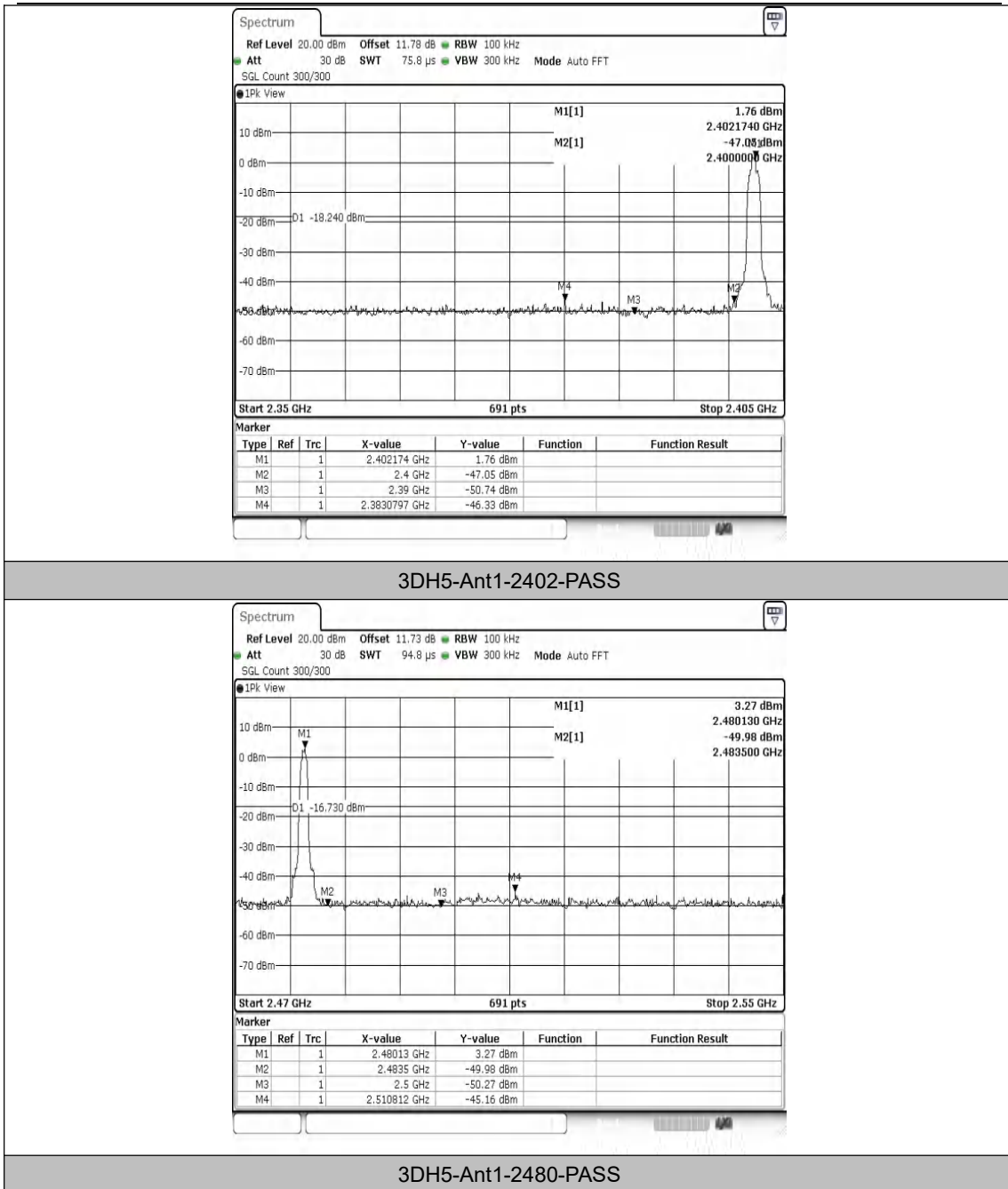
Test Graphs

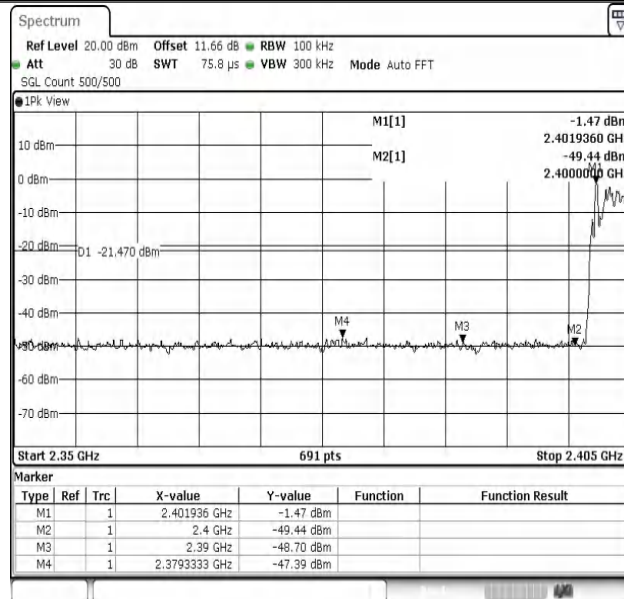




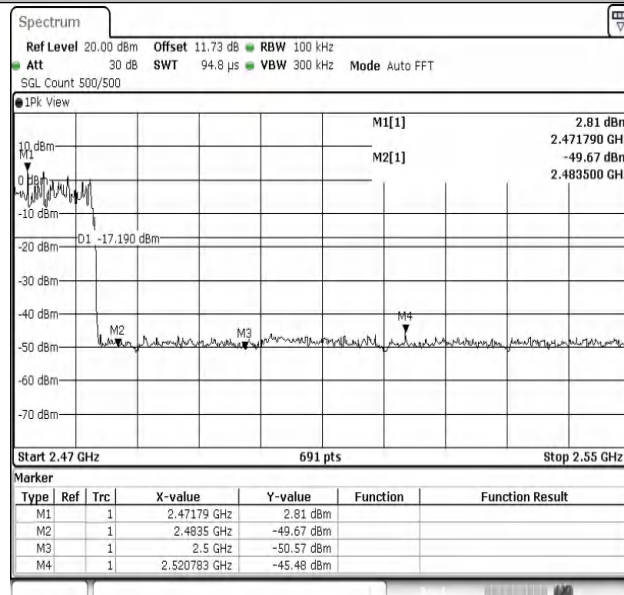








3DH5-Ant1-Hop_2402-PASS



3DH5-Ant1-Hop_2480-PASS

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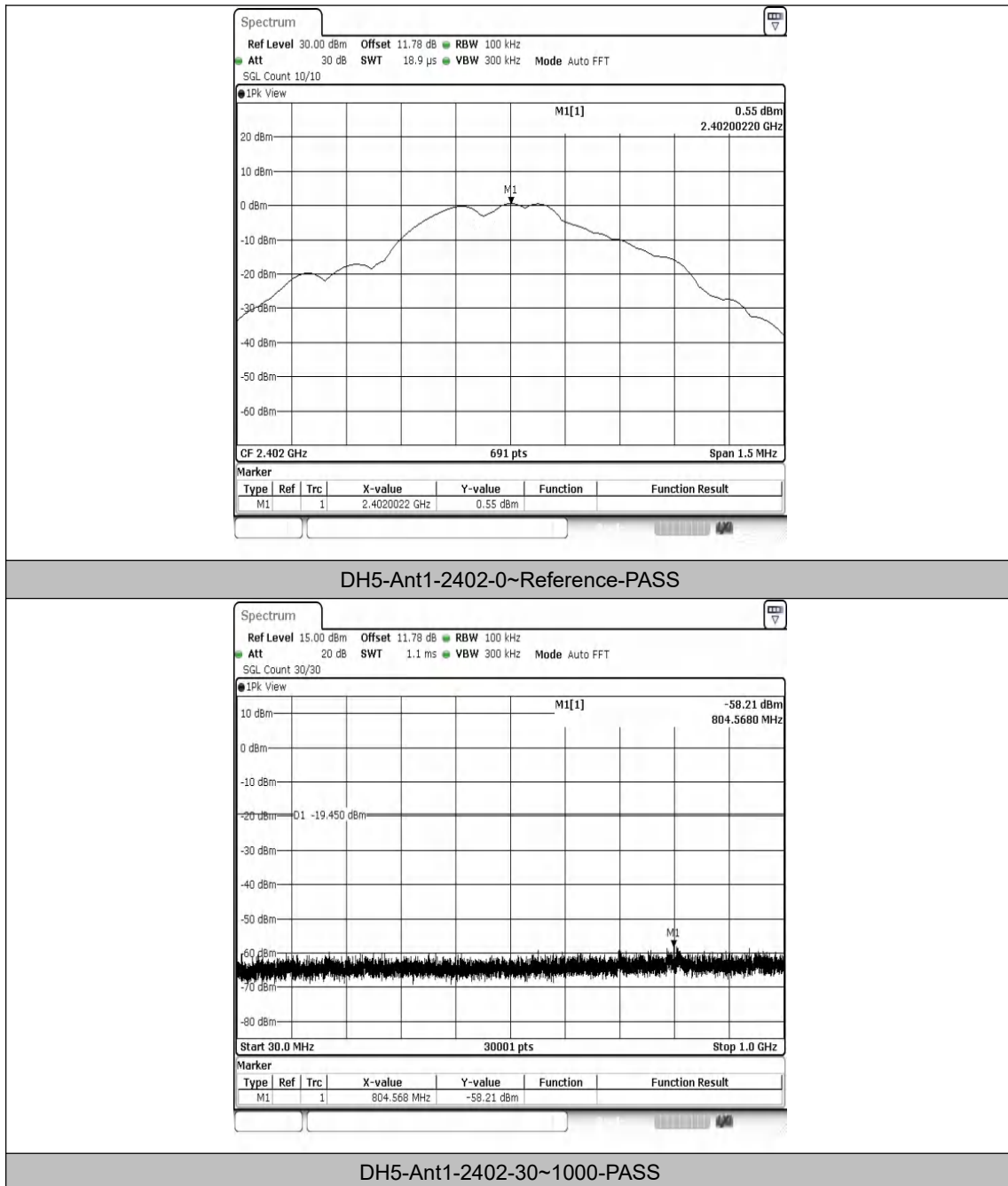
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.55	0.55	---	PASS
DH5	Ant1	2402	30~1000	0.55	-58.21	≤-19.45	PASS
DH5	Ant1	2402	1000~26500	0.55	-42.86	≤-19.45	PASS
DH5	Ant1	2441	0~Reference	1.12	1.12	---	PASS
DH5	Ant1	2441	30~1000	1.12	-57.9	≤-18.88	PASS
DH5	Ant1	2441	1000~26500	1.12	-43.69	≤-18.88	PASS
DH5	Ant1	2480	0~Reference	2.18	2.18	---	PASS
DH5	Ant1	2480	30~1000	2.18	-57.47	≤-17.82	PASS
DH5	Ant1	2480	1000~26500	2.18	-33.69	≤-17.82	PASS
2DH5	Ant1	2402	0~Reference	-2.15	-2.15	---	PASS
2DH5	Ant1	2402	30~1000	-2.15	-57.83	≤-22.15	PASS
2DH5	Ant1	2402	1000~26500	-2.15	-42.79	≤-22.15	PASS
2DH5	Ant1	2441	0~Reference	-2.58	-2.58	---	PASS
2DH5	Ant1	2441	30~1000	-2.58	-57.16	≤-22.58	PASS
2DH5	Ant1	2441	1000~26500	-2.58	-36.78	≤-22.58	PASS
2DH5	Ant1	2480	0~Reference	-1.08	-1.08	---	PASS
2DH5	Ant1	2480	30~1000	-1.08	-58.21	≤-21.08	PASS
2DH5	Ant1	2480	1000~26500	-1.08	-43.31	≤-21.08	PASS
3DH5	Ant1	2402	0~Reference	-1.45	-1.45	---	PASS
3DH5	Ant1	2402	30~1000	-1.45	-57.55	≤-21.45	PASS
3DH5	Ant1	2402	1000~26500	-1.45	-43.06	≤-21.45	PASS
3DH5	Ant1	2441	0~Reference	2.08	2.08	---	PASS
3DH5	Ant1	2441	30~1000	2.08	-57.92	≤-17.92	PASS
3DH5	Ant1	2441	1000~26500	2.08	-43.74	≤-17.92	PASS
3DH5	Ant1	2480	0~Reference	1.52	1.52	---	PASS
3DH5	Ant1	2480	30~1000	1.52	-57.26	≤-18.48	PASS
3DH5	Ant1	2480	1000~26500	1.52	-42.28	≤-18.48	PASS



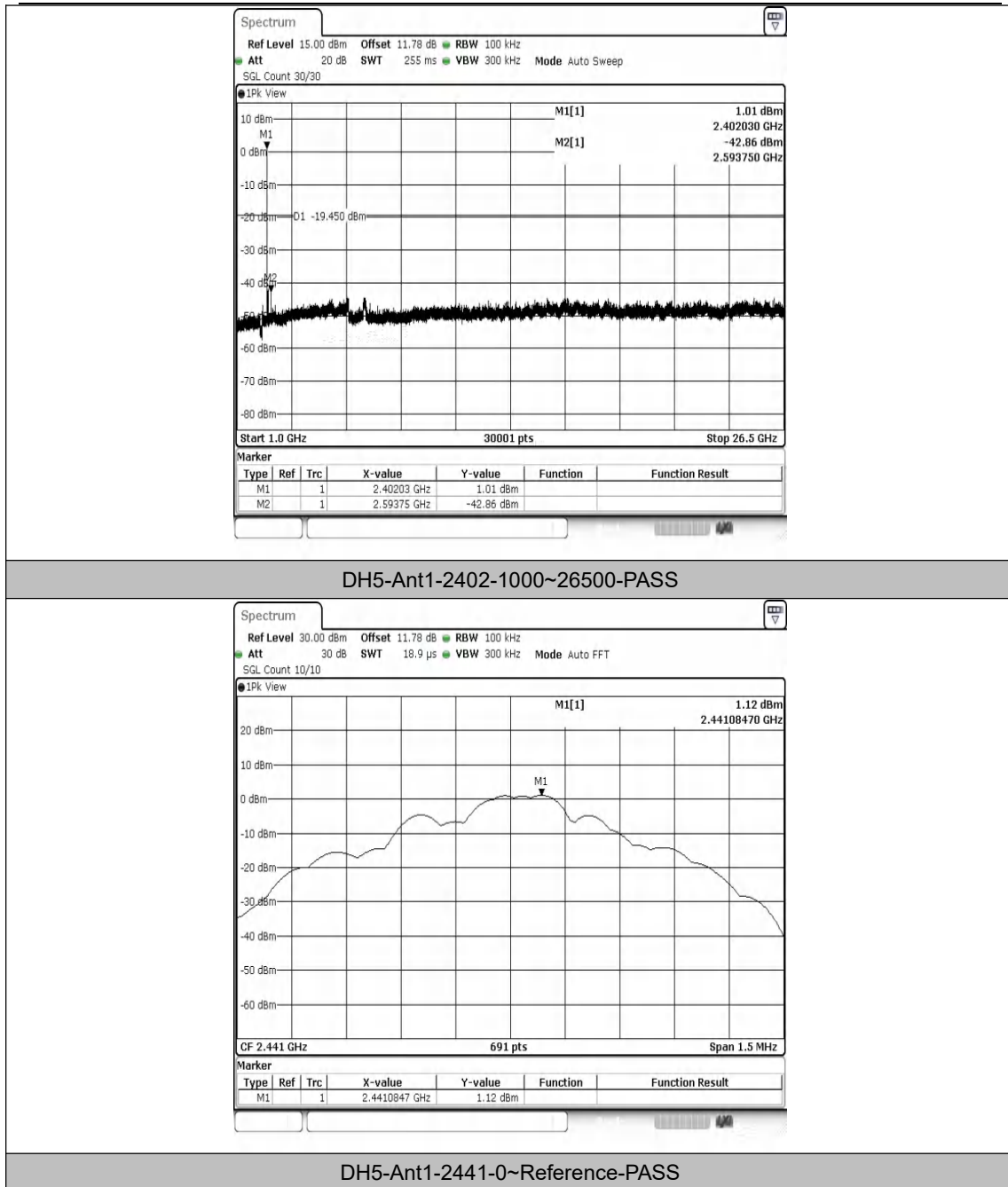
Test Graphs

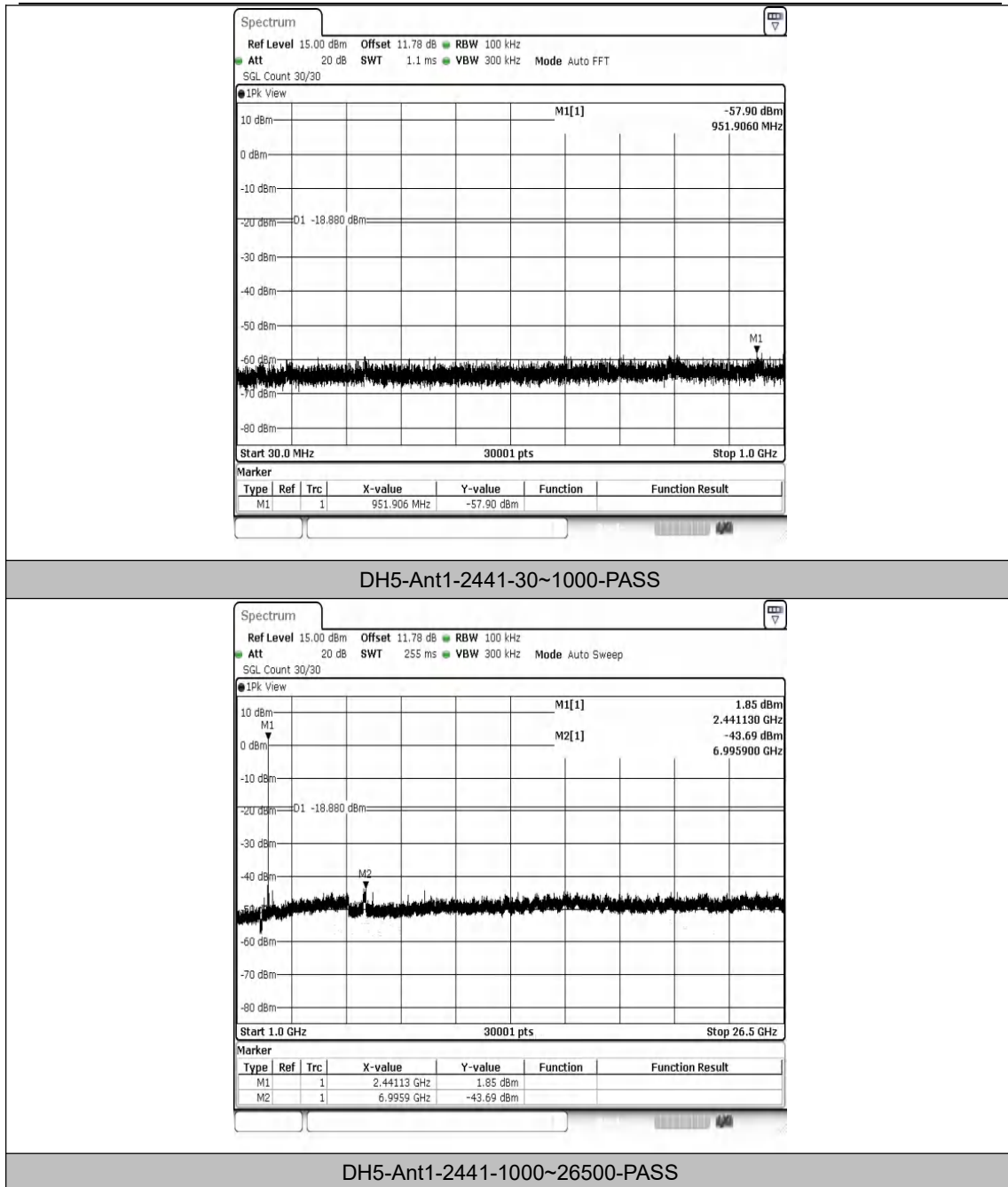


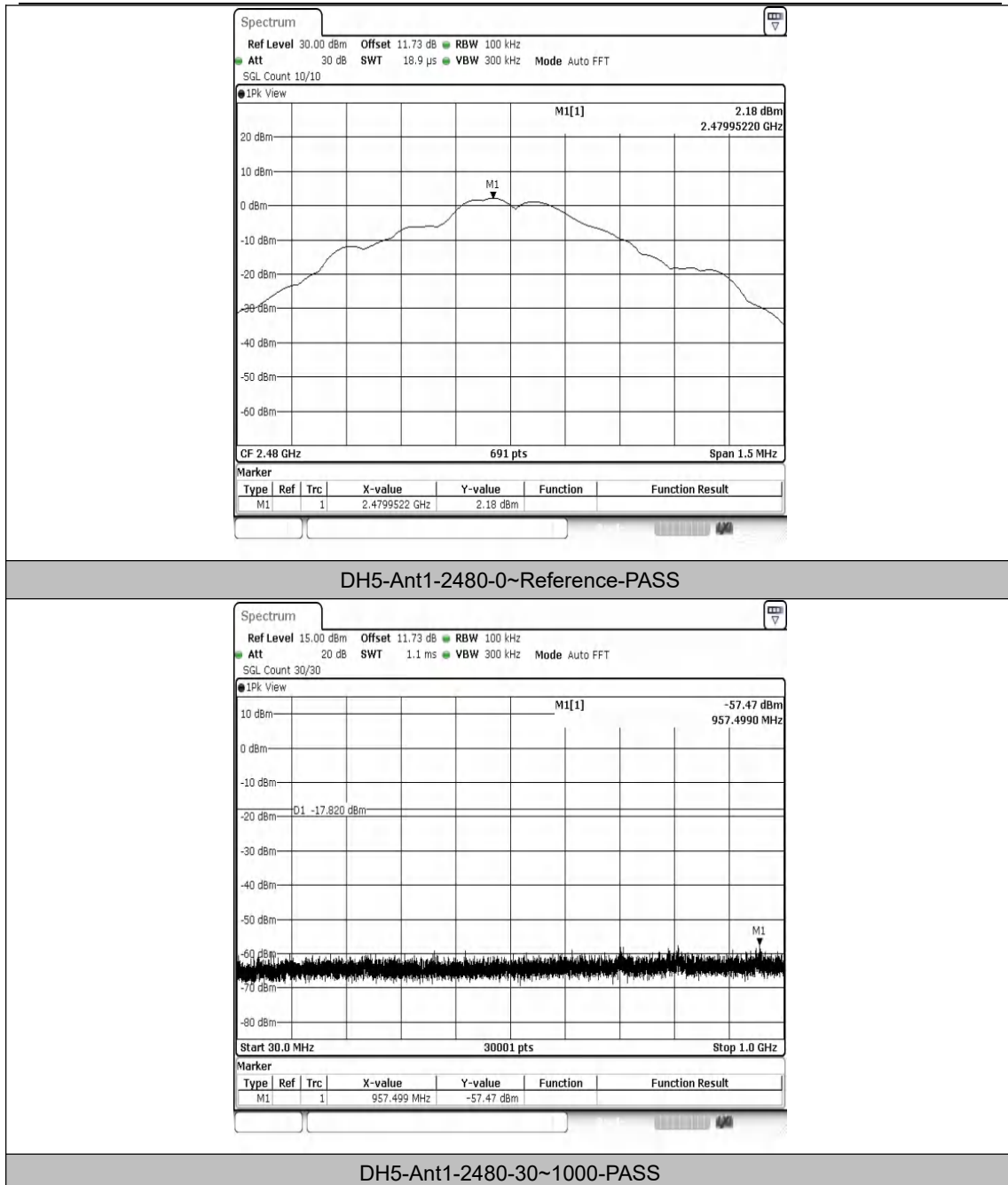
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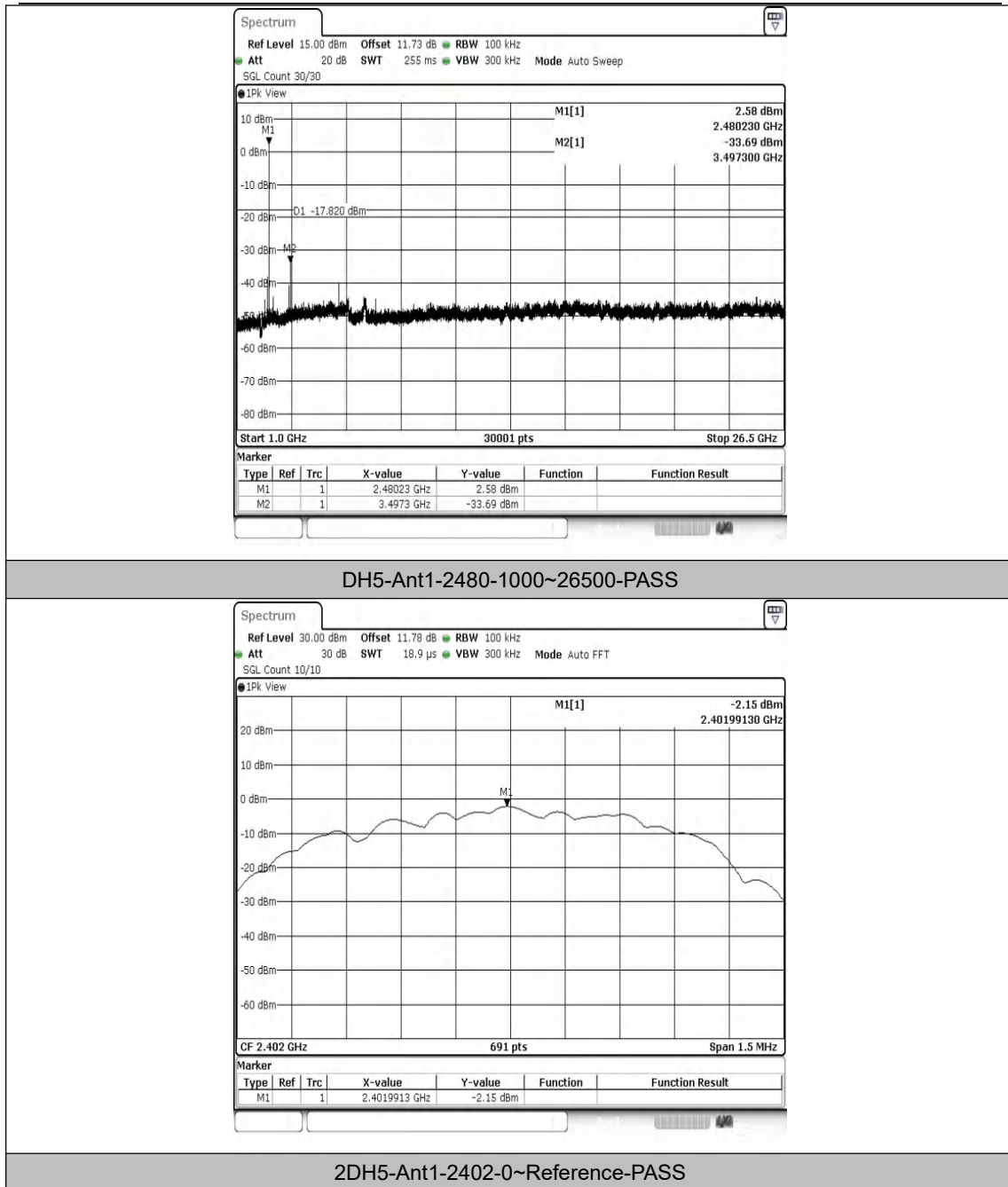
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotek.com

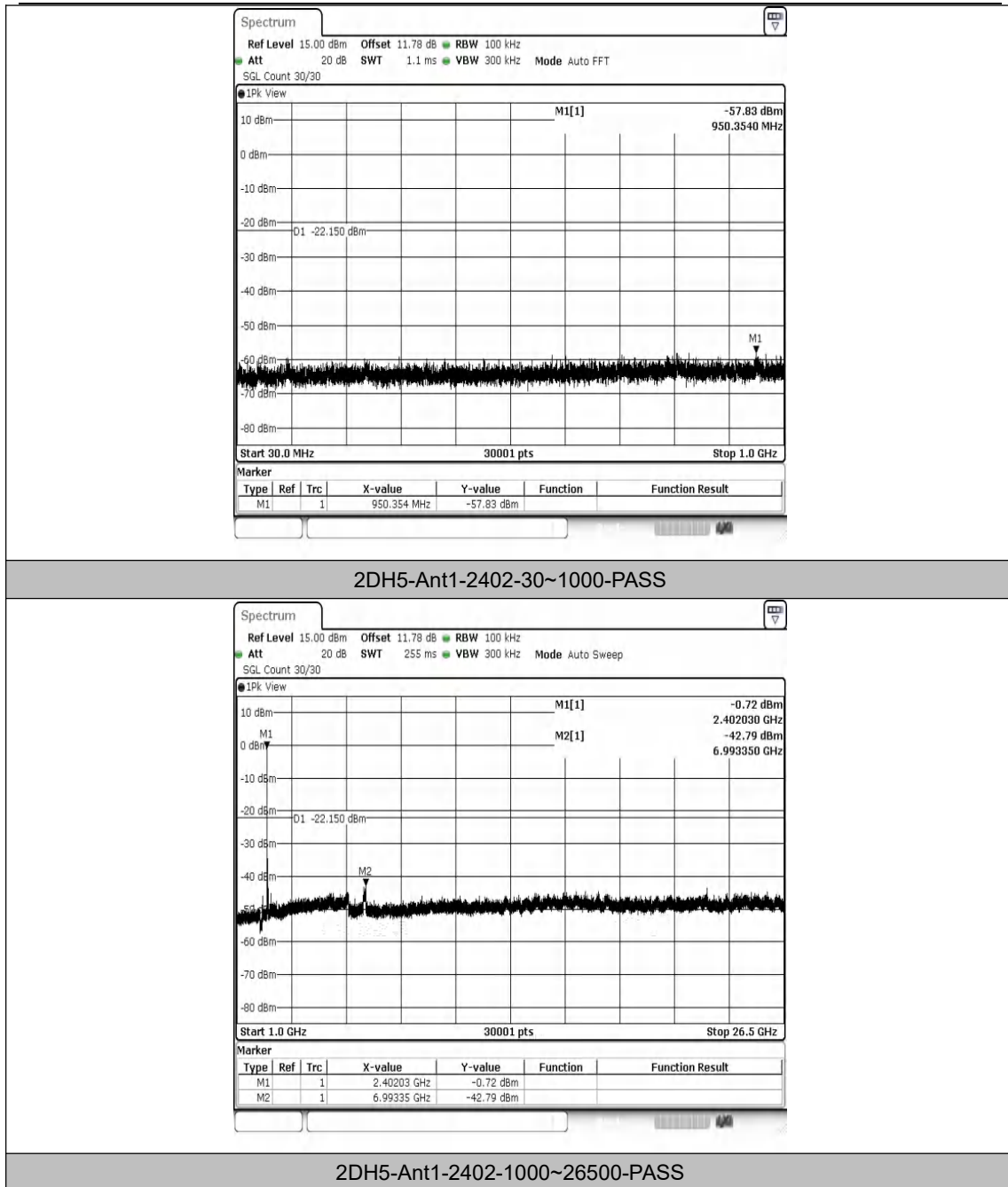
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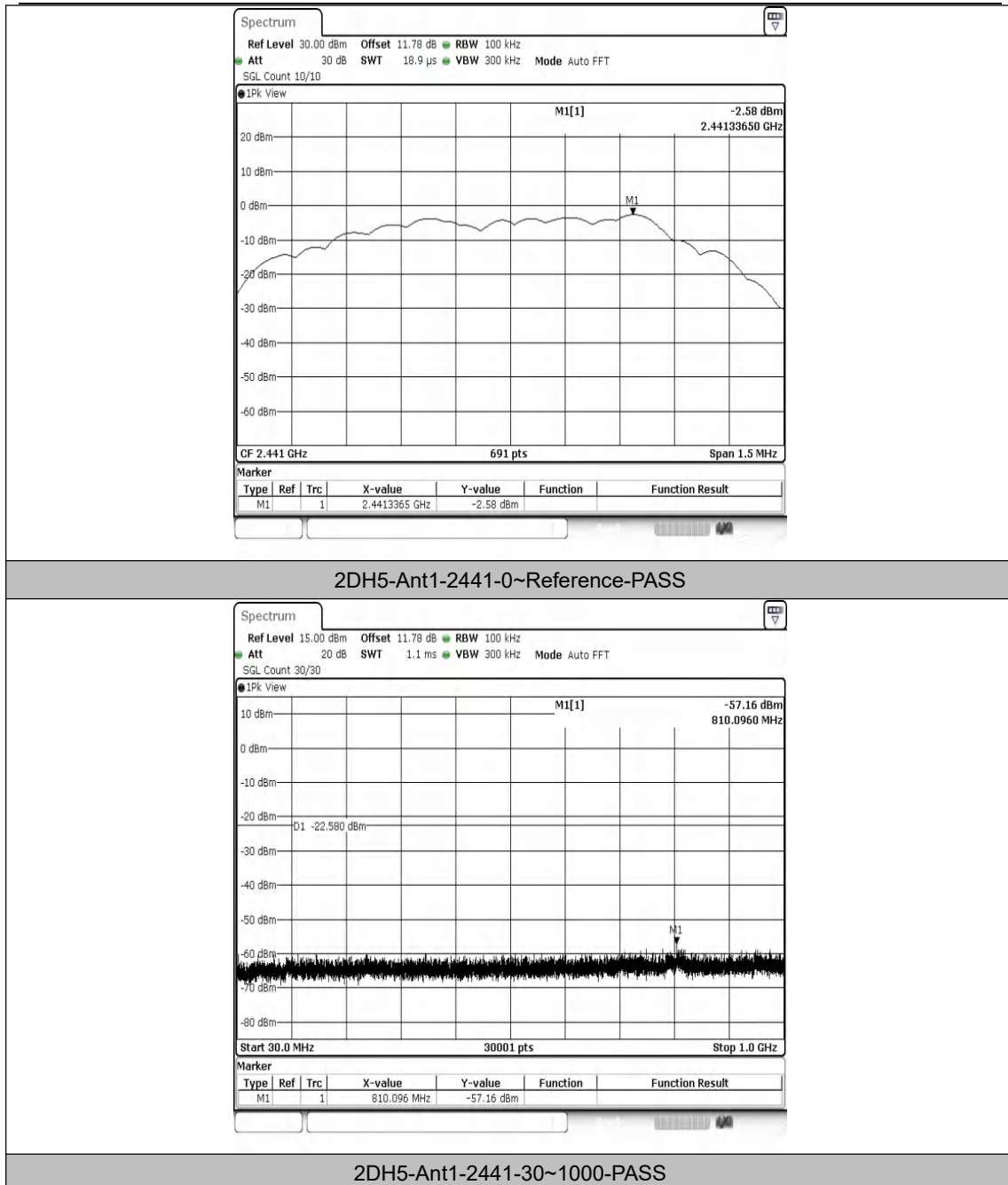




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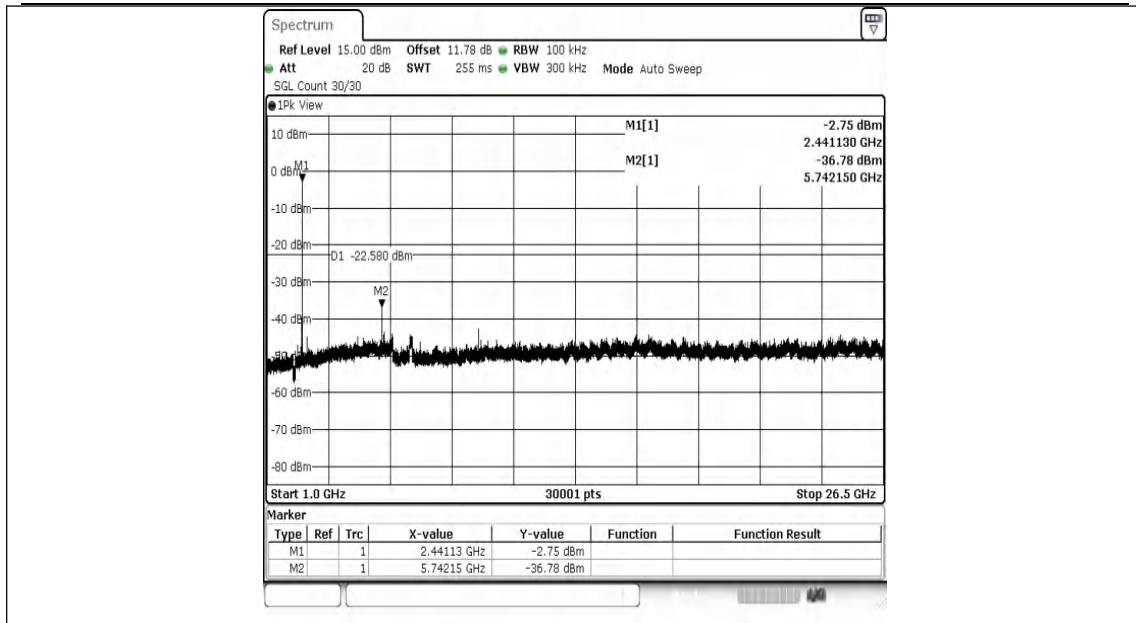
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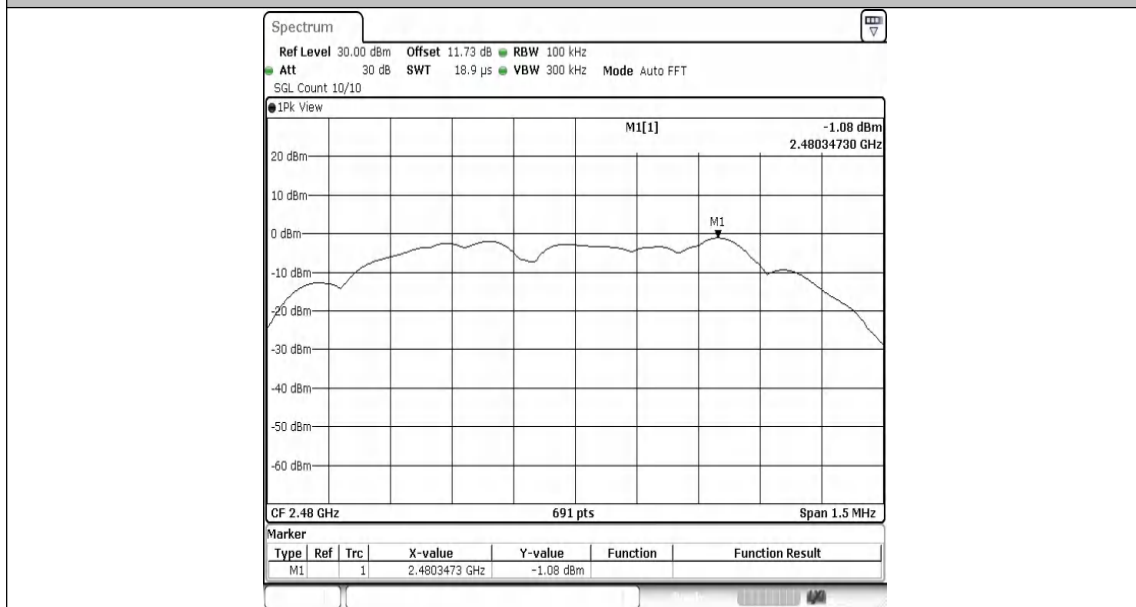
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Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotech.com

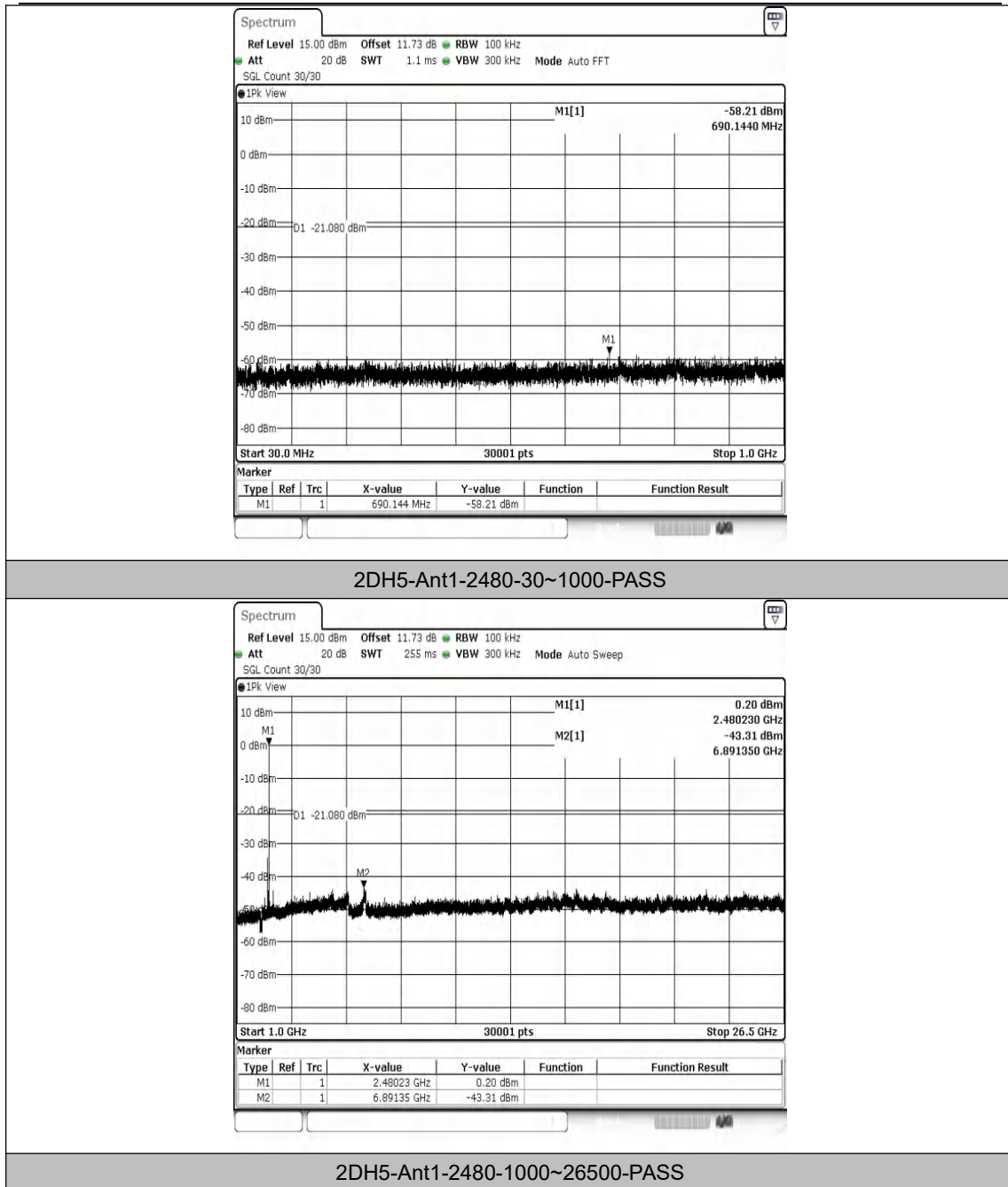
Hotline
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2DH5-Ant1-2441-1000~26500-PASS



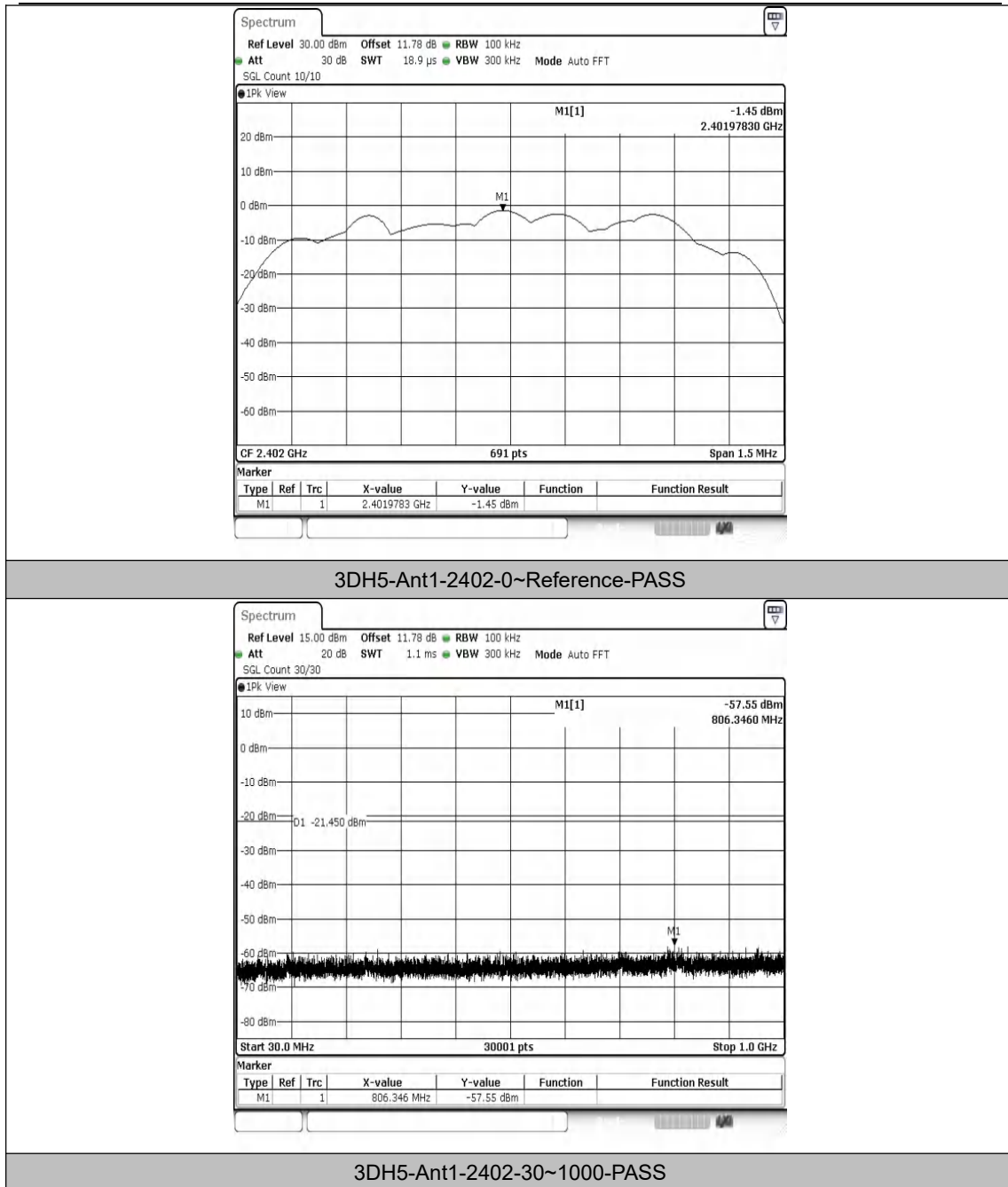
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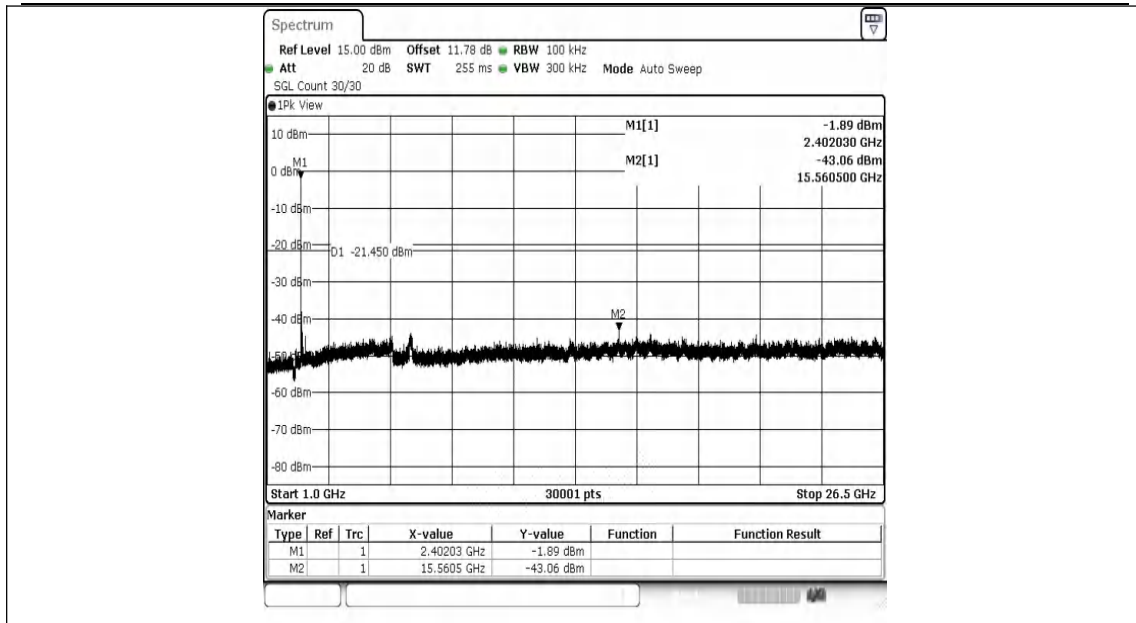


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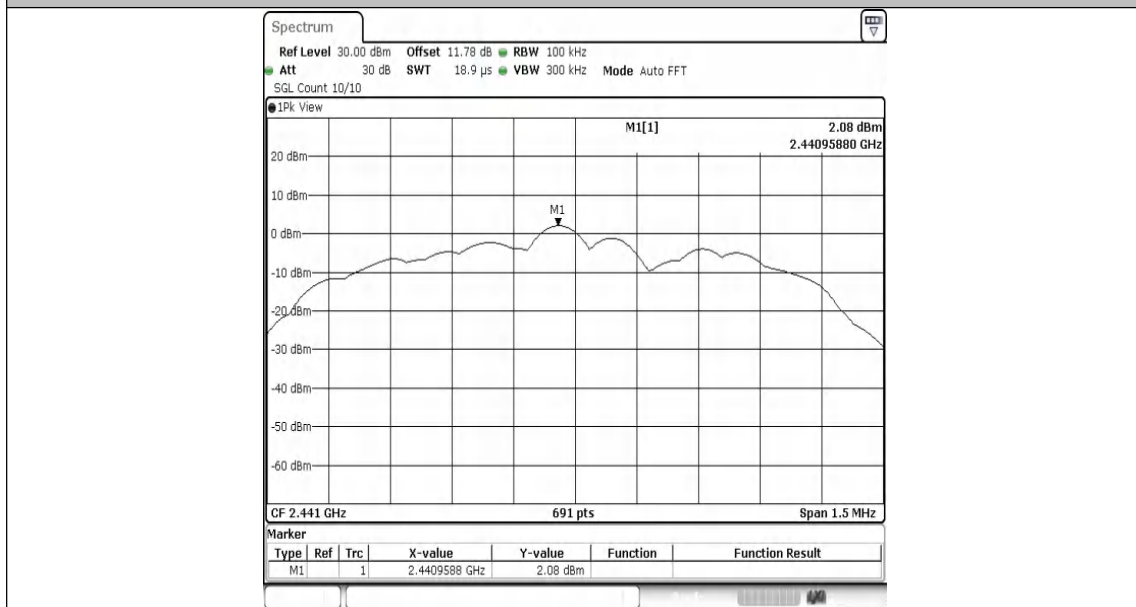
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
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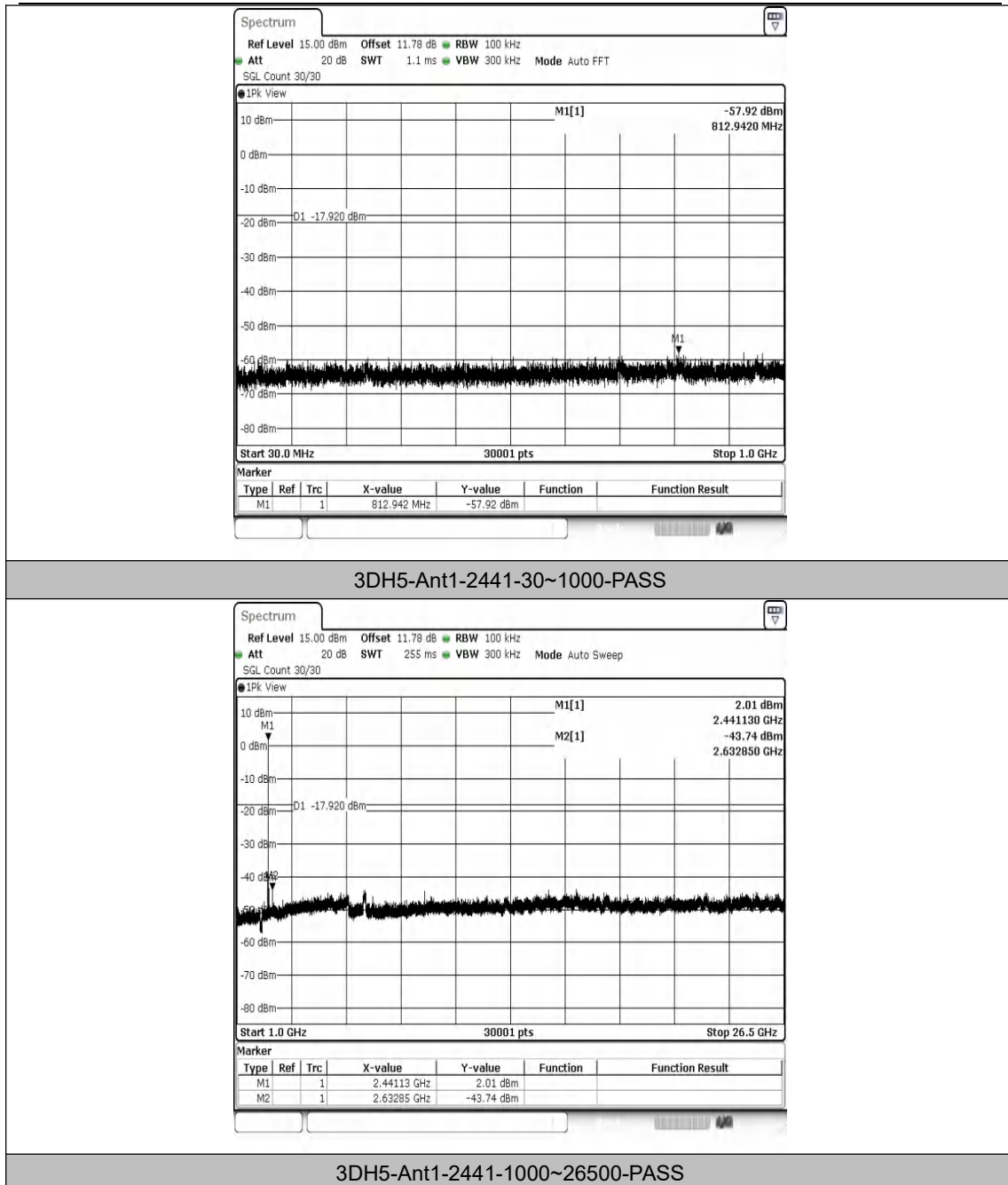




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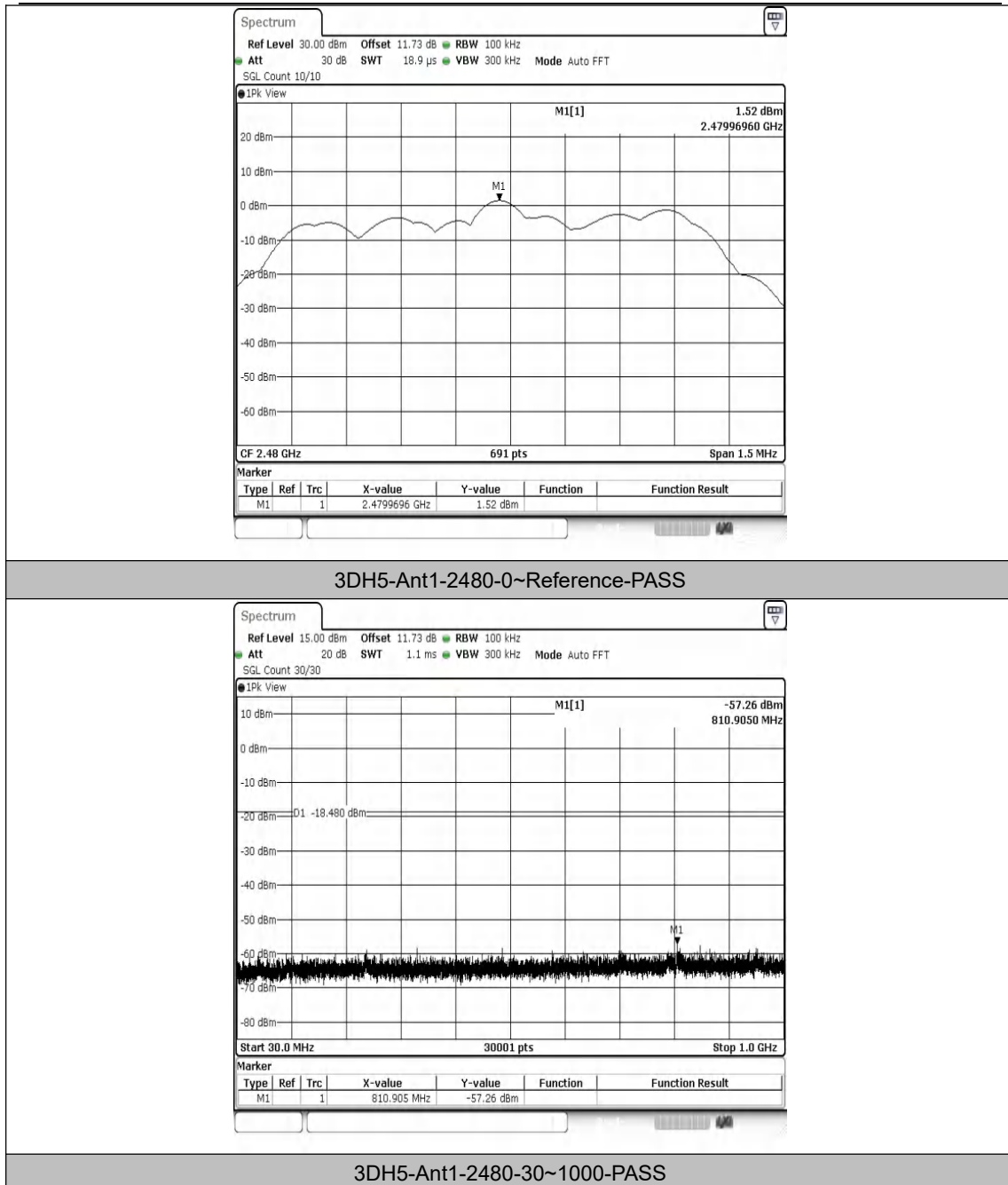
3DH5-Ant1-2441-0~Reference-PASS



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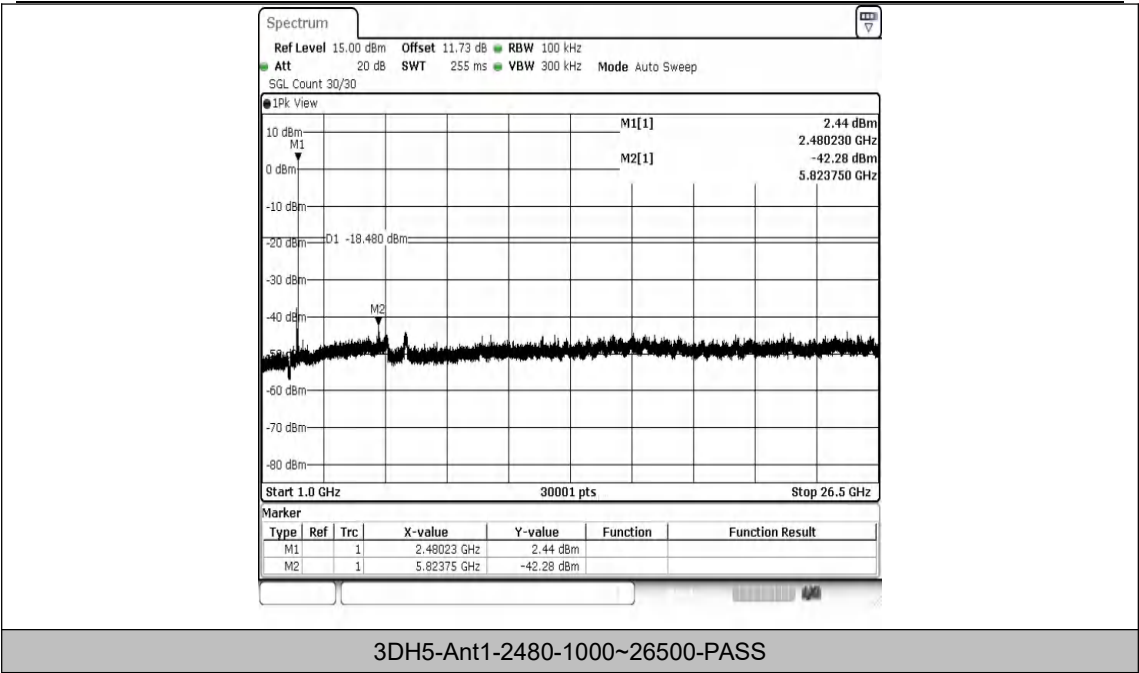
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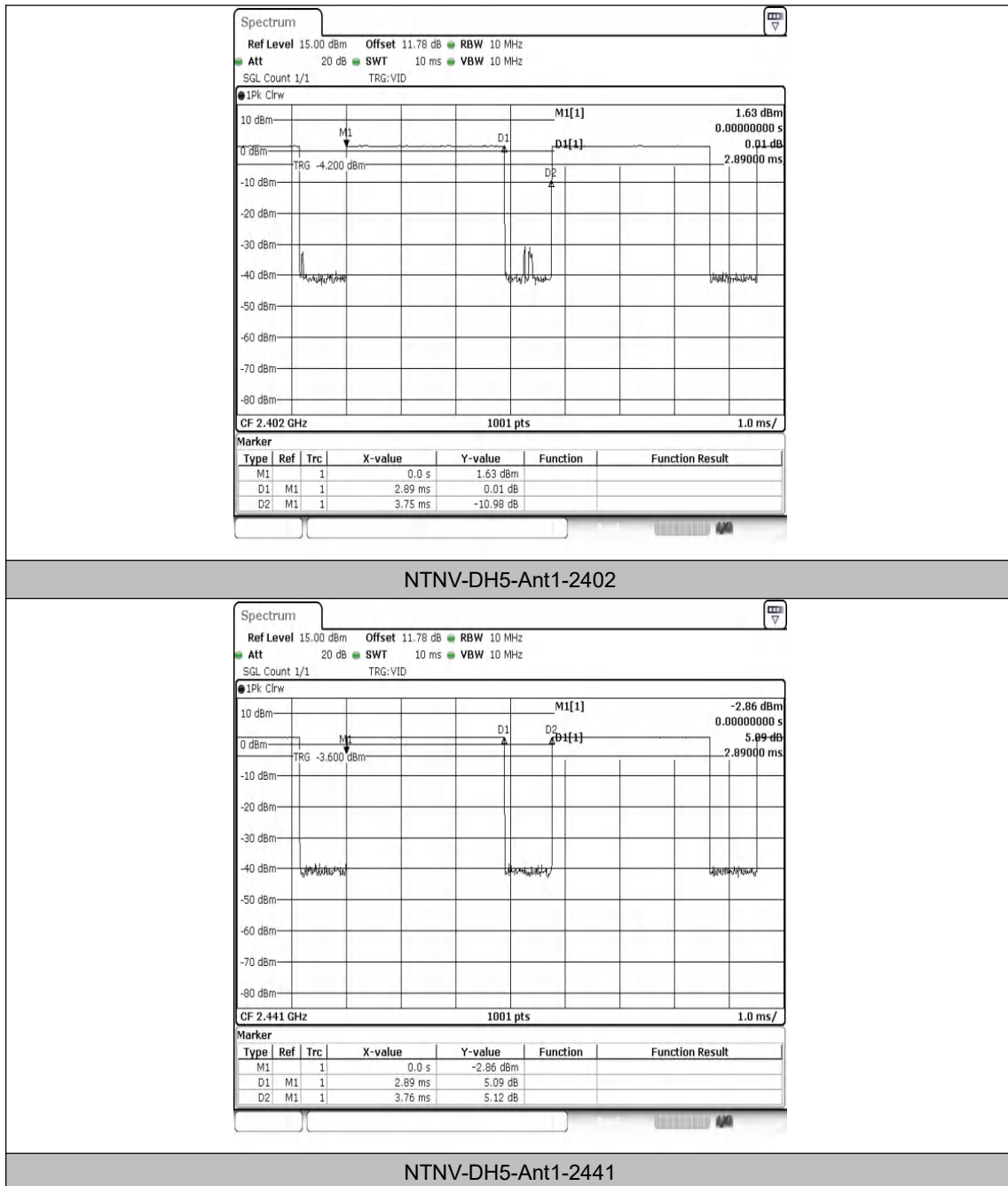
Appendix I: Duty Cycle

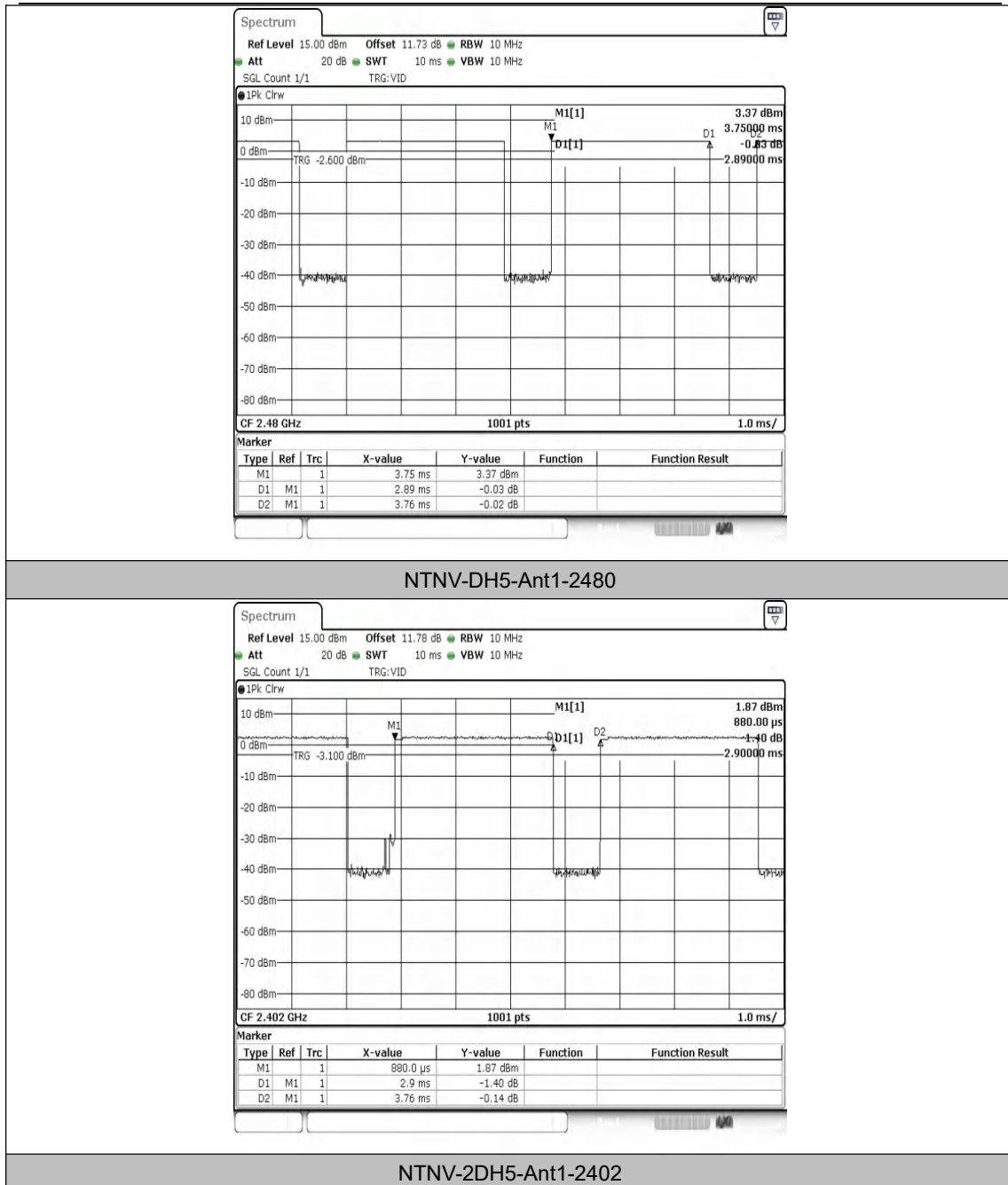
Test Result

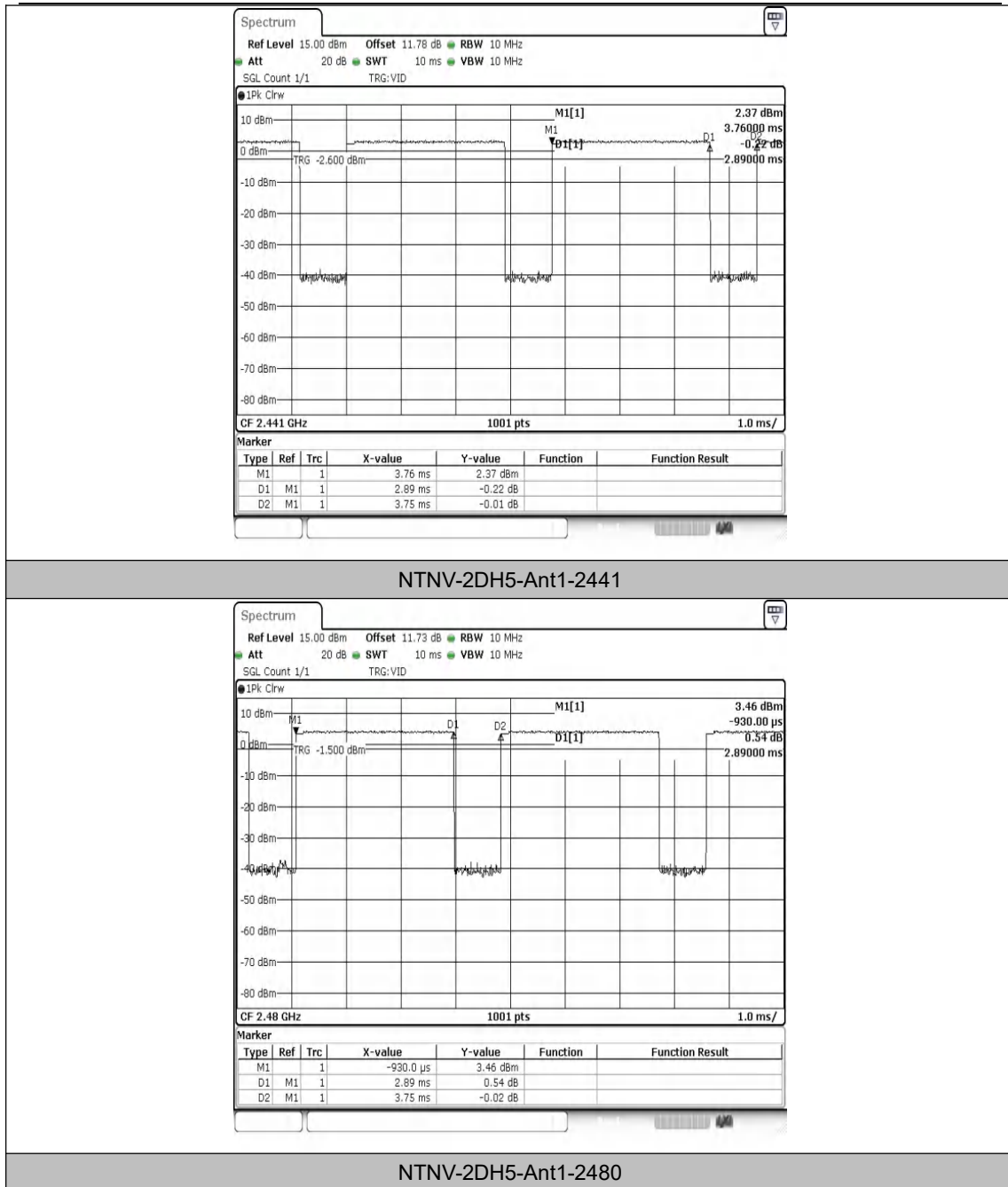
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.89	3.75	77.07	1.13
DH5	Ant1	2441	2.89	3.76	76.86	1.14
DH5	Ant1	2480	2.89	3.76	76.86	1.14
2DH5	Ant1	2402	2.90	3.76	77.13	1.13
2DH5	Ant1	2441	2.89	3.75	77.07	1.13
2DH5	Ant1	2480	2.89	3.75	77.07	1.13
3DH5	Ant1	2402	2.90	3.75	77.33	1.12
3DH5	Ant1	2441	2.89	3.75	77.07	1.13
3DH5	Ant1	2480	2.90	3.75	77.33	1.12

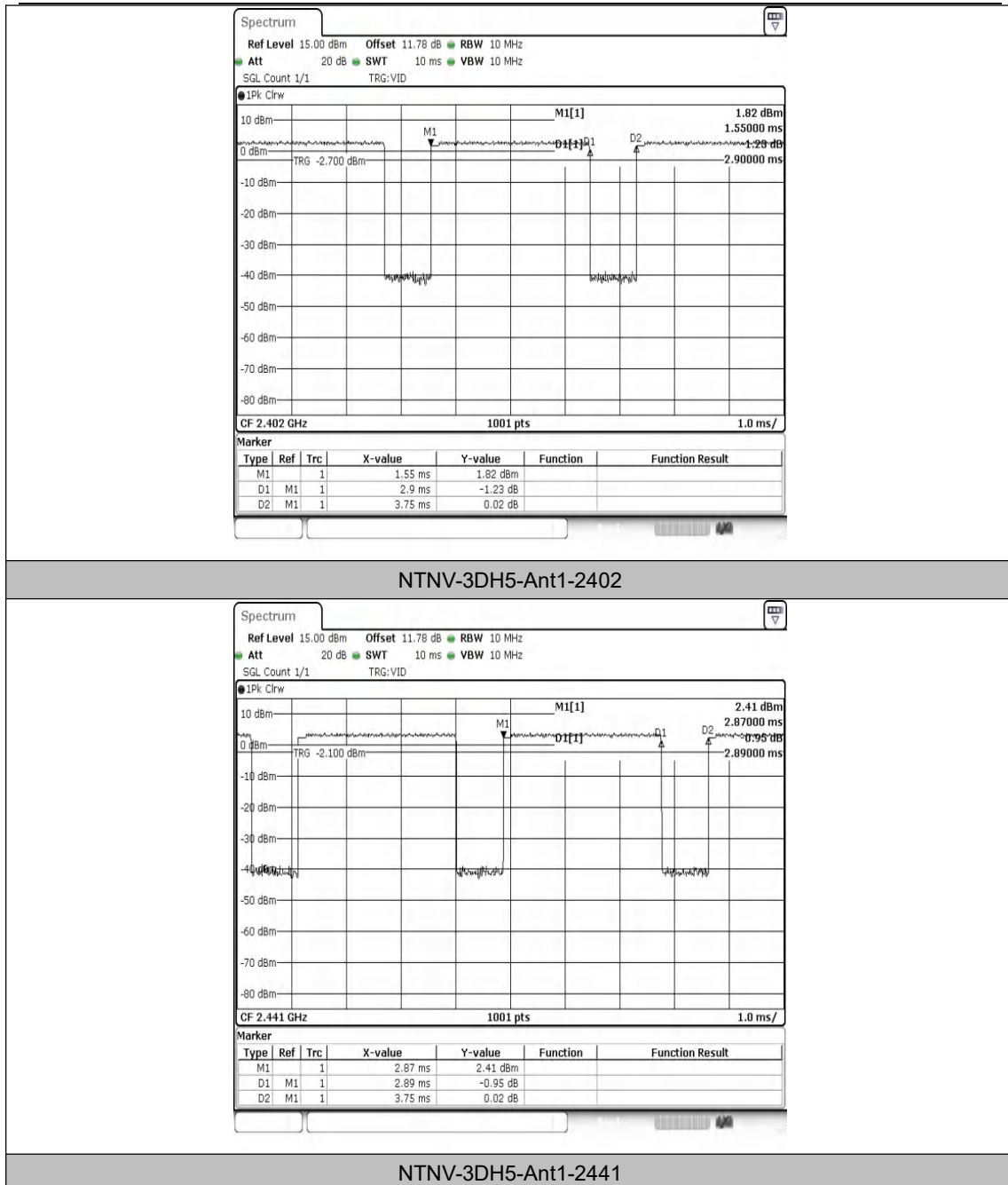


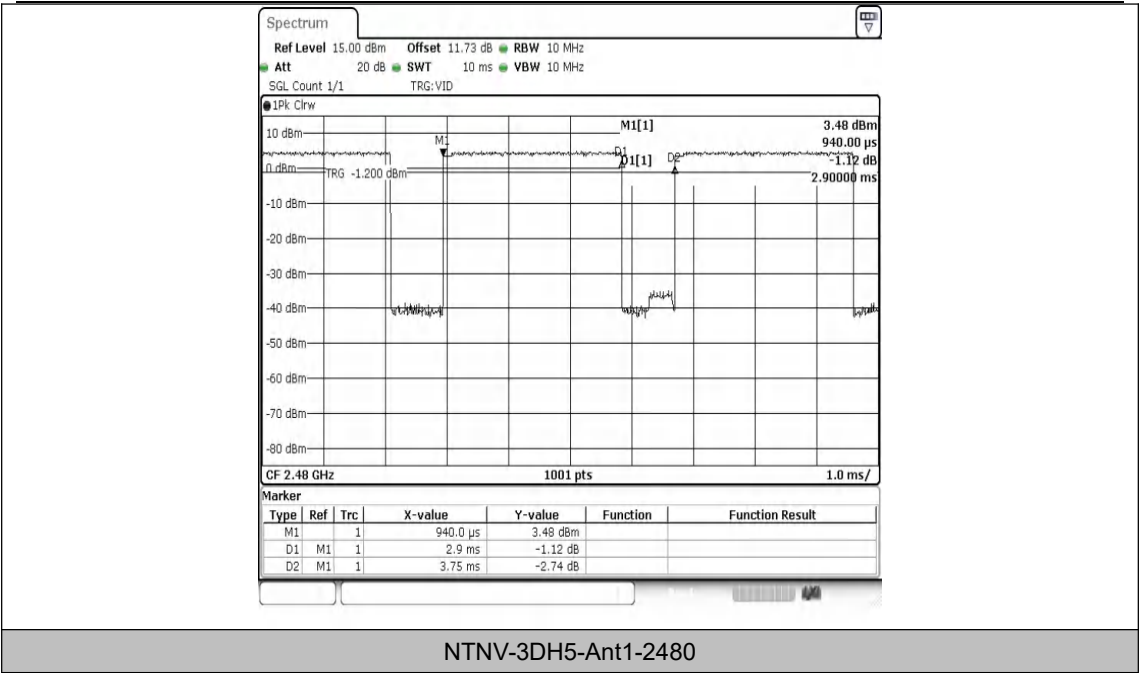
Test Graphs











---End---